



**SISTEM INFORMASI PENGAJIAN GURU PADA
MADRASAH TSANAWIYAH AL-HIDAYAH
DENGAN MENGGUNAKAN VB.NET**

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PROGRAM STUDI SISTEM INFORMASI
FAKULTAS ILMU KOMPUTER
UNIVERSITAS MERCU BUANA
JAKARTA
2011



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Laporan Tugas Akhir

Diajukan Untuk Melengkapi Salah Satu Syarat
Memperoleh Gelar Sarjana Komputer

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MENGUNAKAN VB.NET

Menyatakan bahwa Laporan Tugas Akhir saya adalah hasil karya sendiri dan bukan plagiat. Apabila ternyata ditemukan didalam laporan Tugas Akhir saya terdapat unsur plagiat, maka saya siap untuk mendapatkan sanksi akademik yang terkait dengan hal tersebut.

Jakarta, 23 Juli 2011

(Riya Astuti)

KATA PENGANTAR

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Tujuan dari pembuatan Laporan Tugas Akhir ini adalah sebagai salah satu syarat menyelesaikan Program Pendidikan Strata Satu (S1) Jurusan Sistem Informasi di Universitas Mercu Buana.

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Form Login

```
Imports System.Data
Imports System.Data.OleDb
Public Class FLogin
    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
        End
    End Sub

    Private Sub FLogin_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Me.TransparencyKey = Me.BackColor
        comboRole.SelectedIndex = 0
        txtUser.Focus()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
        Dim conn As New AccessData.DatabaseConnection
        Dim command As New OleDbCommand
        Dim adapter As New OleDbDataAdapter
        Dim dataset As New DataSet
        Dim datareader As OleDbDataReader
        Dim role As String
        Dim cnt As Integer

        conn.close()
        If comboRole.SelectedItem = "user" Then
            role = "False"
        ElseIf comboRole.SelectedItem = "admin" Then
            role = "True"
        End If

        command = conn.open.CreateCommand
        command.CommandText = "select * from [Tbl_User] where Username = '" & txtUser.Text & "' and Password = '" & txtPassword.Text & "'"
        conn.Open()

        adapter.SelectCommand = command

        adapter.Fill(dataset)

        Dim count = dataset.Tables(0).Rows.Count
        If count > 0 Then
            datareader = command.ExecuteReader
            datareader.Read()
            userRole = datareader.Item(3)
            If userRole = role Then
                userSess = datareader.Item(1)
                conn.close()
                '##### START: Kembalikan kondisi form login seperti semula
                txtUser.Text = ""
                txtPassword.Text = ""
                comboRole.SelectedIndex = 0
                txtUser.Focus()
                '##### END:
                command.Dispose()
                conn.close()

                '##### START: Get all Global Variable
                command = conn.open.CreateCommand
                command.CommandText = "select * from [Tbl_Global_Var] order by [kd_global_var]"
                datareader = command.ExecuteReader
                cnt = 0
                While datareader.Read()
                    kdGV(cnt) = datareader.Item(0)
                    nmGV(cnt) = datareader.Item(1)
                    valGV(cnt) = datareader.Item(2)
                    paramGV(cnt) = datareader.Item(3)
                    cnt = cnt + 1
                End While
                cnt = 0
                MsgBox(kdGV(1) & nmGV(1) & valGV(1) & paramGV(1))
                command.Dispose()
                conn.close()
                '##### END: Get all Global Variable
            Else
                MsgBox("User not found")
            End If
        Else
            MsgBox("No data found")
        End If
    End Sub
End Class
```

```

        Me.Hide()
        MainForm.ShowDialog()
    Else
        MsgBox("Maaf, user " +
txtUser.Text + " bukan sebagai " +
comboRole.SelectedItem + "!",
MsgBoxStyle.Critical, "Error")
    End If
    Else
        MsgBox("Masukkan
Username/Password dengan benar!",
MsgBoxStyle.Critical, "Error")
    End If
End Sub

```

```

Private Sub TabPage1_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles TabPage1.Click

```

```

End Sub
End Class

```

Main Menu

```

Imports System.Data
Imports System.Data.OleDb
<Global.Microsoft.VisualBasic.CompilerServi
ces.DesignerGenerated()> _
Partial Class MainForm
    Inherits System.Windows.Forms.Form
    'Dim conn As New
AccessData.DatabaseConnection
    'Dim command As New OleDbCommand
    'Dim adapter As New OleDbDataAdapter
    'Dim dataset As New DataSet
    'Dim reader As OleDbDataReader
    'Form overrides dispose to clean up the
component list.

<System.Diagnostics.DebuggerNonUserCode(
)> _
    Protected Overrides Sub Dispose(ByVal
disposing As Boolean)
        If disposing AndAlso components IsNot
Nothing Then
            components.Dispose()
        End If
        MyBase.Dispose(disposing)
    End Sub

    'Required by the Windows Form Designer
    Private components As
System.ComponentModel.IContainer

```

'NOTE: The following procedure is required by the Windows Form Designer

'It can be modified using the Windows Form Designer.

'Do not modify it using the code editor.

```

<System.Diagnostics.DebuggerStepThrough()
> _
    Private Sub InitializeComponent()
        Me.ToolStrip1 = New
System.Windows.Forms.ToolStrip
        Me.ToolStripButton1 = New
System.Windows.Forms.ToolStripButton
        Me.LoginToolStripMenuItem = New
System.Windows.Forms.ToolStripItem
        Me.LogoutToolStripMenuItem = New
System.Windows.Forms.ToolStripItem
        Me.LogoutToolStripMenuItem = New
System.Windows.Forms.ToolStripItem
        Me.LogoutToolStripMenuItem = New
System.Windows.Forms.ToolStripItem
        Me.KeluarToolStripMenuItem = New
System.Windows.Forms.ToolStripItem
        Me.ToolStripButton1 = New
System.Windows.Forms.ToolStripButton
        Me.ToolStripButton2 = New
System.Windows.Forms.ToolStripButton
        Me.InputDataGuruToolStripMenuItem =
New
System.Windows.Forms.ToolStripItem
        Me.InputDataTunjanganToolStripMenuItem =
New
System.Windows.Forms.ToolStripItem
        Me.DataInsentifToolStripMenuItem =
New
System.Windows.Forms.ToolStripItem
        Me.ToolStripButton7 = New
System.Windows.Forms.ToolStripButton
        Me.AbsensiMengajarToolStripMenuItem =
New
System.Windows.Forms.ToolStripItem
        Me.AbsensiEkstraToolStripMenuItem =
New
System.Windows.Forms.ToolStripItem
        Me.ToolStripButton3 = New
System.Windows.Forms.ToolStripButton
        Me.TunjanganGuruToolStripMenuItem =
New
System.Windows.Forms.ToolStripItem
        Me.IntensifGuruToolStripMenuItem =
New
System.Windows.Forms.ToolStripItem
        Me.CashbonToolStripMenuItem = New
System.Windows.Forms.ToolStripItem

```

```

        Me.ToolStripMenuItem2 = New
System.Windows.Forms.ToolStripSeparator
        Me.ProsesGajiToolStripMenuItem = New
System.Windows.Forms.ToolStripMenuItem
        Me.ToolStripButton4 = New
System.Windows.Forms.ToolStripSplitButton
        Me.DataMasterToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.DataAbsensiToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.DataTransaksiToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.ToolStripMenuItem3 = New
System.Windows.Forms.ToolStripSeparator
        Me.CetakSlipToolStripMenuItem = New
System.Windows.Forms.ToolStripMenuItem
        Me.ToolStripSeparator2 = New
System.Windows.Forms.ToolStripSeparator
        Me.ToolStripButton5 = New
System.Windows.Forms.ToolStripSplitButton
        Me.ManajemenUserToolStripMenuItem
= New
System.Windows.Forms.ToolStripMenuItem
        Me.DaftarUserToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.UpdateUserToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.ParameterToolStripMenuItem = New
System.Windows.Forms.ToolStripMenuItem
        Me.ToolStripButton6 = New
System.Windows.Forms.ToolStripButton
        Me.StatusStrip1 = New
System.Windows.Forms.StatusStrip
        Me.ToolStripStatusLabel1 = New
System.Windows.Forms.ToolStripStatusLabel
        Me.dgvDataBoard = New
System.Windows.Forms.DataGridView
        Me.PictureBox1 = New
System.Windows.Forms.PictureBox
        Me.btUpdateData = New
System.Windows.Forms.Button
        Me.btExportGridExcel = New
System.Windows.Forms.Button
        Me.ToolStrip1.SuspendLayout()
        Me.StatusStrip1.SuspendLayout()
        CType(Me.dgvDataBoard,
System.ComponentModel.ISupportInitialize).
BeginInit()

```

```

        CType(Me.PictureBox1,
System.ComponentModel.ISupportInitialize).
BeginInit()
        Me.SuspendLayout()
        '
        'ToolStrip1
        '
        Me.ToolStrip1.Items.AddRange(New
System.Windows.Forms.ToolStripItem()
{Me.ToolStripButton1,
Me.ToolStripSeparator1,
Me.ToolStripButton2, Me.ToolStripButton7,
Me.ToolStripButton3, Me.ToolStripButton4,
Me.ToolStripSeparator2,
Me.ToolStripButton5, Me.ToolStripButton6})
        Me.ToolStrip1.Location = New
System.Drawing.Point(0, 0)
        Me.ToolStrip1.Name = "ToolStrip1"
        Me.ToolStrip1.Size = New
System.Drawing.Size(728, 52)
        Me.ToolStrip1.TabIndex = 0
        Me.ToolStrip1.Text = "ToolStrip1"
        '
        'ToolStripButton1
        '
        Me.ToolStripButton1.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image
        Me.ToolStripButton1.DropDownItems.AddRa
nge(New
System.Windows.Forms.ToolStripItem()
{Me.LoginToolStripMenuItem,
Me.LogoutToolStripMenuItem,
Me.ToolStripMenuItem1,
Me.KeluarToolStripMenuItem})
        Me.ToolStripButton1.Image =
Global.PayrollGuru.My.Resources.Resources.f
ile_desc
        Me.ToolStripButton1.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None
        Me.ToolStripButton1.ImageTransparentColor
= System.Drawing.Color.Magenta
        Me.ToolStripButton1.Name =
"ToolStripButton1"
        Me.ToolStripButton1.Size = New
System.Drawing.Size(61, 49)
        Me.ToolStripButton1.Text = "Home"
        '
        'LoginToolStripMenuItem
        '

```



```

        Me.LoginToolStripMenuItem.Name = "LoginToolStripMenuItem"
        Me.LoginToolStripMenuItem.Size = New System.Drawing.Size(152, 22)
        Me.LoginToolStripMenuItem.Text = "Ubah Password"
        '
        'LogoutToolStripMenuItem
        '
        Me.LogoutToolStripMenuItem.Name = "LogoutToolStripMenuItem"
        Me.LogoutToolStripMenuItem.Size = New System.Drawing.Size(152, 22)
        Me.LogoutToolStripMenuItem.Text = "Logout"
        '
        'ToolStripMenuItem1
        '
        Me.ToolStripMenuItem1.Name = "ToolStripMenuItem1"
        Me.ToolStripMenuItem1.Size = New System.Drawing.Size(149, 6)
        '
        'KeluarToolStripMenuItem
        '
        Me.KeluarToolStripMenuItem.Name = "KeluarToolStripMenuItem"
        Me.KeluarToolStripMenuItem.Size = New System.Drawing.Size(152, 22)
        Me.KeluarToolStripMenuItem.Text = "Keluar"
        '
        'ToolStripSeparator1
        '
        Me.ToolStripSeparator1.Name = "ToolStripSeparator1"
        Me.ToolStripSeparator1.Size = New System.Drawing.Size(6, 52)
        '
        'ToolStripButton2
        '
        Me.ToolStripButton2.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image
        Me.ToolStripButton2.DropDownItems.AddRange(New System.Windows.Forms.ToolStripItem() { Me.InputDataGuruToolStripMenuItem, Me.InputDataTunjanganToolStripMenuItem, Me.DataInsentifToolStripMenuItem })
        Me.ToolStripButton2.Image = Global.PayrollGuru.My.Resources.Resources.dataMaster_desc
        Me.ToolStripButton2.ImageScaling = System.Windows.Forms.ToolStripItemImageScaling.None
        Me.ToolStripButton2.ImageTransparentColor = System.Drawing.Color.Magenta
        Me.ToolStripButton2.Name = "ToolStripButton2"
        Me.ToolStripButton2.Size = New System.Drawing.Size(61, 49)
        Me.ToolStripButton2.Text = "Master"
        '
        'InputDataGuruToolStripMenuItem
        '
        Me.InputDataGuruToolStripMenuItem.Name = "InputDataGuruToolStripMenuItem"
        Me.InputDataGuruToolStripMenuItem.Size = New System.Drawing.Size(151, 22)
        Me.InputDataGuruToolStripMenuItem.Text = "Data Guru"
        '
        'InputDataTunjanganToolStripMenuItem
        '
        Me.InputDataTunjanganToolStripMenuItem.Name = "InputDataTunjanganToolStripMenuItem"
        Me.InputDataTunjanganToolStripMenuItem.Size = New System.Drawing.Size(151, 22)
        Me.InputDataTunjanganToolStripMenuItem.Text = "Data Tunjangan"
        '
        'DataInsentifToolStripMenuItem
        '
        Me.DataInsentifToolStripMenuItem.Name = "DataInsentifToolStripMenuItem"
        Me.DataInsentifToolStripMenuItem.Size = New System.Drawing.Size(151, 22)
        Me.DataInsentifToolStripMenuItem.Text = "Data Insentif"
        '
        'ToolStripButton7
        '
        Me.ToolStripButton7.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image
        Me.ToolStripButton7.DropDownItems.AddRange

```

```

nge(New
System.Windows.Forms.ToolStripItem()
{Me.AbsensiMengajarToolStripMenuItem,
Me.AbsensiEkstraToolStripMenuItem})
    Me.ToolStripButton7.Image =
Global.PayrollGuru.My.Resources.Resources.
absensi_desc
    Me.ToolStripButton7.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

```

```

Me.ToolStripButton7.ImageTransparentColor
= System.Drawing.Color.Magenta
    Me.ToolStripButton7.Name =
"ToolStripButton7"
    Me.ToolStripButton7.Size = New
System.Drawing.Size(61, 49)
    Me.ToolStripButton7.Text = "Absensi"
    ,
    'AbsensiMengajarToolStripMenuItem
    ,

```

```

Me.AbsensiMengajarToolStripMenuItem.Nam
e = "AbsensiMengajarToolStripMenuItem"

```

```

Me.AbsensiMengajarToolStripMenuItem.Size
= New System.Drawing.Size(159, 22)

```

```

Me.AbsensiMengajarToolStripMenuItem.Text
= "Absensi Mengajar"
    ,
    'AbsensiEkstraToolStripMenuItem
    ,

```

```

Me.AbsensiEkstraToolStripMenuItem.Name =
"AbsensiEkstraToolStripMenuItem"

```

```

Me.AbsensiEkstraToolStripMenuItem.Size =
New System.Drawing.Size(159, 22)

```

```

Me.AbsensiEkstraToolStripMenuItem.Text =
"Absensi Ekstra"
    ,
    'ToolStripButton3
    ,

```

```

    Me.ToolStripButton3.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image

```

```

Me.ToolStripButton3.DropDownItems.AddRa
nge(New
System.Windows.Forms.ToolStripItem()
{Me.TunjanganGuruToolStripMenuItem,
Me.IntensifGuruToolStripMenuItem,

```

```

Me.CashbonToolStripMenuItem,
Me.ToolStripMenuItem2,
Me.ProsesGajiToolStripMenuItem})
    Me.ToolStripButton3.Image =
Global.PayrollGuru.My.Resources.Resources.t
ransaksi_desc
    Me.ToolStripButton3.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

```

```

Me.ToolStripButton3.ImageTransparentColor
= System.Drawing.Color.Magenta
    Me.ToolStripButton3.Name =
"ToolStripButton3"
    Me.ToolStripButton3.Size = New
System.Drawing.Size(66, 49)
    Me.ToolStripButton3.Text = "Transaksi"
    ,
    'TunjanganGuruToolStripMenuItem
    ,

```

```

Me.TunjanganGuruToolStripMenuItem.Name
= "TunjanganGuruToolStripMenuItem"

```

```

Me.TunjanganGuruToolStripMenuItem.Size =
New System.Drawing.Size(151, 22)

```

```

Me.TunjanganGuruToolStripMenuItem.Text =
"Tunjangan Guru"
    ,
    'IntensifGuruToolStripMenuItem
    ,

```

```

Me.IntensifGuruToolStripMenuItem.Name =
"IntensifGuruToolStripMenuItem"
    Me.IntensifGuruToolStripMenuItem.Size
= New System.Drawing.Size(151, 22)
    Me.IntensifGuruToolStripMenuItem.Text
= "Insentif Guru"
    ,

```

```

    'CashbonToolStripMenuItem
    ,

```

```

    Me.CashbonToolStripMenuItem.Name =
"CashbonToolStripMenuItem"
    Me.CashbonToolStripMenuItem.Size =
New System.Drawing.Size(151, 22)
    Me.CashbonToolStripMenuItem.Text =
"Cashbon"
    ,

```

```

    'ToolStripMenuItem2
    ,
    Me.ToolStripMenuItem2.Name =
"ToolStripMenuItem2"

```

```

        Me.ToolStripMenuItem2.Size = New
System.Drawing.Size(148, 6)
        ,
        'ProsesGajiToolStripMenuItem
        ,
        Me.ProsesGajiToolStripMenuItem.Name
= "ProsesGajiToolStripMenuItem"
        Me.ProsesGajiToolStripMenuItem.Size =
New System.Drawing.Size(151, 22)
        Me.ProsesGajiToolStripMenuItem.Text =
"Proses Gaji"
        ,
        'ToolStripButton4
        ,
        Me.ToolStripButton4.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image

Me.ToolStripButton4.DropDownItems.AddRange(New
System.Windows.Forms.ToolStripItem()
{Me.DataMasterToolStripMenuItem,
Me.DataAbsensiToolStripMenuItem,
Me.DataTransaksiToolStripMenuItem,
Me.ToolStripMenuItem3,
Me.CetakSlipToolStripMenuItem})
        Me.ToolStripButton4.Image =
Global.PayrollGuru.My.Resources.Resources.r
eport_desc
        Me.ToolStripButton4.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

Me.ToolStripButton4.ImageTransparentColor
= System.Drawing.Color.Magenta
        Me.ToolStripButton4.Name =
"ToolStripButton4"
        Me.ToolStripButton4.Size = New
System.Drawing.Size(61, 49)
        Me.ToolStripButton4.Text = "Laporan"
        ,
        'DataMasterToolStripMenuItem
        ,

Me.DataMasterToolStripMenuItem.Name =
"DataMasterToolStripMenuItem"
        Me.DataMasterToolStripMenuItem.Size
= New System.Drawing.Size(145, 22)
        Me.DataMasterToolStripMenuItem.Text
= "Data Master"
        ,
        'DataAbsensiToolStripMenuItem
        ,

```

```

Me.DataAbsensiToolStripMenuItem.Name =
"DataAbsensiToolStripMenuItem"
        Me.DataAbsensiToolStripMenuItem.Size
= New System.Drawing.Size(145, 22)
        Me.DataAbsensiToolStripMenuItem.Text
= "Data Absensi"
        ,
        'DataTransaksiToolStripMenuItem
        ,

Me.DataTransaksiToolStripMenuItem.Name =
"DataTransaksiToolStripMenuItem"

Me.DataTransaksiToolStripMenuItem.Size =
New System.Drawing.Size(145, 22)

Me.DataTransaksiToolStripMenuItem.Text =
"Data Transaksi"
        ,
        'ToolStripMenuItem3
        ,
        Me.ToolStripMenuItem3.Name =
"ToolStripMenuItem3"
        Me.ToolStripMenuItem3.Size = New
System.Drawing.Size(142, 6)
        ,
        'CetakSlipToolStripMenuItem
        ,
        Me.CetakSlipToolStripMenuItem.Name
= "CetakSlipToolStripMenuItem"
        Me.CetakSlipToolStripMenuItem.Size =
New System.Drawing.Size(145, 22)
        Me.CetakSlipToolStripMenuItem.Text =
"Cetak Slip"
        ,
        'ToolStripSeparator2
        ,
        Me.ToolStripSeparator2.Name =
"ToolStripSeparator2"
        Me.ToolStripSeparator2.Size = New
System.Drawing.Size(6, 52)
        ,
        'ToolStripButton5
        ,
        Me.ToolStripButton5.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image

Me.ToolStripButton5.DropDownItems.AddRange(New
System.Windows.Forms.ToolStripItem()
{Me.ManajemenUserToolStripMenuItem,
Me.ParameterToolStripMenuItem})

```

```

        Me.ToolStripButton5.Image =
Global.PayrollGuru.My.Resources.Resources.
settings_desc
        Me.ToolStripButton5.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

Me.ToolStripButton5.ImageTransparentColor
= System.Drawing.Color.Magenta
        Me.ToolStripButton5.Name =
"ToolStripButton5"
        Me.ToolStripButton5.Size = New
System.Drawing.Size(61, 49)
        Me.ToolStripButton5.Text = "Panel
Admin"
        Me.ToolStripButton5.Visible = False
        'ManajemenUserToolStripMenuItem

Me.ManajemenUserToolStripMenuItem.Drop
DownItems.AddRange(New
System.Windows.Forms.ToolStripItem()
{Me.DaftarUserToolStripMenuItem,
Me.UpdateUserToolStripMenuItem})

Me.ManajemenUserToolStripMenuItem.Name
= "ManajemenUserToolStripMenuItem"

Me.ManajemenUserToolStripMenuItem.Size
= New System.Drawing.Size(124, 22)

Me.ManajemenUserToolStripMenuItem.Text
= "Profil User"
        'DaftarUserToolStripMenuItem

        Me.DaftarUserToolStripMenuItem.Name
= "DaftarUserToolStripMenuItem"
        Me.DaftarUserToolStripMenuItem.Size =
New System.Drawing.Size(147, 22)
        Me.DaftarUserToolStripMenuItem.Text
= "Daftarkan User"
        'UpdateUserToolStripMenuItem

Me.UpdateUserToolStripMenuItem.Name =
"UpdateUserToolStripMenuItem"
        Me.UpdateUserToolStripMenuItem.Size
= New System.Drawing.Size(147, 22)
        Me.UpdateUserToolStripMenuItem.Text
= "Update User"

```

```

        'ParameterToolStripMenuItem
        Me.ParameterToolStripMenuItem.Name
= "ParameterToolStripMenuItem"
        Me.ParameterToolStripMenuItem.Size =
New System.Drawing.Size(124, 22)
        Me.ParameterToolStripMenuItem.Text =
"Parameter"
        'ToolStripButton6

        Me.ToolStripButton6.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image
        Me.ToolStripButton6.Image =
Global.PayrollGuru.My.Resources.Resources.
help_desc
        Me.ToolStripButton6.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

Me.ToolStripButton6.ImageTransparentColor
= System.Drawing.Color.Magenta
        Me.ToolStripButton6.Name =
"ToolStripButton6"
        Me.ToolStripButton6.Size = New
System.Drawing.Size(49, 49)
        Me.ToolStripButton6.Text = "Help"
        'StatusStrip1

        Me.StatusStrip1.Items.AddRange(New
System.Windows.Forms.ToolStripItem()
{Me.ToolStripStatusLabel1})
        Me.StatusStrip1.Location = New
System.Drawing.Point(0, 329)
        Me.StatusStrip1.Name = "StatusStrip1"
        Me.StatusStrip1.Size = New
System.Drawing.Size(728, 22)
        Me.StatusStrip1.TabIndex = 1
        Me.StatusStrip1.Text = "StatusStrip1"
        'ToolStripStatusLabel1

        Me.ToolStripStatusLabel1.Name =
"ToolStripStatusLabel1"
        Me.ToolStripStatusLabel1.Size = New
System.Drawing.Size(142, 17)
        Me.ToolStripStatusLabel1.Text =
"Sistem Informasi Penggajian"
        'dgvDataBoard

```

```

        Me.dgvDataBoard.Anchor =
CType(((System.Windows.Forms.AnchorStyle
es.Top Or
System.Windows.Forms.AnchorStyles.Bottom
) _
        Or
System.Windows.Forms.AnchorStyles.Left) _
        Or
System.Windows.Forms.AnchorStyles.Right),
System.Windows.Forms.AnchorStyles)

Me.dgvDataBoard.ColumnHeadersHeightSize
Mode =
System.Windows.Forms.DataGridViewColumn
nHeadersHeightSizeMode.AutoSize
Me.dgvDataBoard.Location = New
System.Drawing.Point(12, 118)
Me.dgvDataBoard.Name =
"dgvDataBoard"
Me.dgvDataBoard.ReadOnly = True
Me.dgvDataBoard.Size = New
System.Drawing.Size(704, 208)
Me.dgvDataBoard.TabIndex = 2
'
'PictureBox1
'
Me.PictureBox1.Image =
Global.PayrollGuru.My.Resources.Resources.
Header_Main
Me.PictureBox1.Location = New
System.Drawing.Point(12, 62)
Me.PictureBox1.Name = "PictureBox1"
Me.PictureBox1.Size = New
System.Drawing.Size(379, 50)
Me.PictureBox1.TabIndex = 5
Me.PictureBox1.TabStop = False
'
'btUpdateData
'
Me.btUpdateData.Anchor =
CType((System.Windows.Forms.AnchorStyle
s.Top Or
System.Windows.Forms.AnchorStyles.Right),
System.Windows.Forms.AnchorStyles)

Me.btUpdateData.BackgroundImageLayout =
System.Windows.Forms.ImageLayout.Stretch
Me.btUpdateData.Enabled = False
Me.btUpdateData.Image =
Global.PayrollGuru.My.Resources.Resources.
editData_desc
Me.btUpdateData.Location = New
System.Drawing.Point(552, 55)

```

```

Me.btUpdateData.Name =
"btUpdateData"
Me.btUpdateData.Size = New
System.Drawing.Size(79, 57)
Me.btUpdateData.TabIndex = 4

Me.btUpdateData.UseVisualStyleBackColor =
True
'
'btExportGridExcel
'
Me.btExportGridExcel.Anchor =
CType((System.Windows.Forms.AnchorStyle
s.Top Or
System.Windows.Forms.AnchorStyles.Right),
System.Windows.Forms.AnchorStyles)

Me.btExportGridExcel.BackgroundImageLay
out =
System.Windows.Forms.ImageLayout.Stretch
Me.btExportGridExcel.Image =
Global.PayrollGuru.My.Resources.Resources.
buttonExcel1
Me.btExportGridExcel.Location = New
System.Drawing.Point(637, 55)
Me.btExportGridExcel.Name =
"btExportGridExcel"
Me.btExportGridExcel.Size = New
System.Drawing.Size(79, 57)
Me.btExportGridExcel.TabIndex = 3

Me.btExportGridExcel.UseVisualStyleBackC
olor = True
'
'MainForm
'
Me.AutoScaleDimensions = New
System.Drawing.SizeF(6.0!, 13.0!)
Me.AutoScaleMode =
System.Windows.Forms.AutoScaleMode.Font
Me.ClientSize = New
System.Drawing.Size(728, 351)
Me.ControlBox = False
Me.Controls.Add(Me.PictureBox1)
Me.Controls.Add(Me.btUpdateData)
Me.Controls.Add(Me.btExportGridExcel)
Me.Controls.Add(Me.dgvDataBoard)
Me.Controls.Add(Me.StatusStrip1)
Me.Controls.Add(Me.ToolStrip1)
Me.Name = "MainForm"
Me.Text = "Panel Utama Program
Penggajian"

```

```

        Me.WindowState =
System.Windows.Forms.FormWindowState.Maximized
        Me.ToolStrip1.ResumeLayout(False)
        Me.ToolStrip1.PerformLayout()
        Me.StatusStrip1.ResumeLayout(False)
        Me.StatusStrip1.PerformLayout()
        CType(Me.dgvDataBoard,
System.ComponentModel.ISupportInitialize).
EndInit()
        CType(Me.PictureBox1,
System.ComponentModel.ISupportInitialize).
EndInit()
        Me.ResumeLayout(False)
        Me.PerformLayout()

    End Sub
    Friend WithEvents ToolStrip1 As
System.Windows.Forms.ToolStrip
    Friend WithEvents ToolStripSeparator1 As
System.Windows.Forms.ToolStripSeparator
    Friend WithEvents ToolStripButton1 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents
LoginToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
LogoutToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents ToolStripMenuItem1 As
System.Windows.Forms.ToolStripSeparator
    Friend WithEvents
KeluarToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents ToolStripButton2 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents
InputDataGuruToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
InputDataTunjanganToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
DataInsentifToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem

    Private Sub
InputDataGuruToolStripMenuItem_Click(By
Val sender As System.Object, ByVal e As
System.EventArgs) Handles
InputDataGuruToolStripMenuItem.Click
        InputDataGuru.ShowDialog()
    End Sub

```

```

    Private Sub
KeluarToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
KeluarToolStripMenuItem.Click
    End
    End Sub
    Friend WithEvents StatusStrip1 As
System.Windows.Forms.StatusStrip
    Friend WithEvents ToolStripStatusLabel1
As
System.Windows.Forms.ToolStripStatusLabel

    Private Sub MainForm_Deactivate(ByVal
sender As Object, ByVal e As
System.EventArgs) Handles Me.Deactivate

    End Sub

    Private Sub MainForm_Disposed(ByVal
sender As Object, ByVal e As
System.EventArgs) Handles Me.Disposed

    End Sub

    Private Sub MainForm_Load(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        If userRole = "True" Then
            ToolStripButton5.Visible = True
        Else
            ToolStripButton5.Visible = False
        End If
    End Sub

    Private Sub
LoginToolStripMenuItem_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
LoginToolStripMenuItem.Click
        FChgCurrentPass.ShowDialog()
    End Sub

    Private Sub MainForm_LostFocus(ByVal
sender As Object, ByVal e As
System.EventArgs) Handles Me.LostFocus

    End Sub

    Private Sub
LogoutToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
LogoutToolStripMenuItem.Click

```



```

        Me.Close()
        FLogin.Show()
    End Sub
    Friend WithEvents ToolStripButton3 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents ToolStripSeparator2 As
System.Windows.Forms.ToolStripSeparator
    Friend WithEvents ToolStripButton4 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents ToolStripButton5 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents
ManajemenUserToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents
ParameterToolStripMenuItem As
System.Windows.Forms.ToolStripItem

    Private Sub
ParameterToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
ParameterToolStripMenuItem.Click
        FGlobalVar.ShowDialog()
    End Sub

    Private Sub
ToolStripButton2_ButtonClick(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
ToolStripButton2.ButtonClick

    End Sub
    Friend WithEvents ToolStripButton7 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents
AbsensiMengajarToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents
AbsensiEkstraToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents
IntensifGuruToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents
CashbonToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents ToolStripMenuItem2 As
System.Windows.Forms.ToolStripSeparator
    Friend WithEvents
ProsesGajiToolStripMenuItem As
System.Windows.Forms.ToolStripItem

```

```

    Friend WithEvents
TunjanganGuruToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents
DaftarUserToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents
UpdateUserToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents dgvDataBoard As
System.Windows.Forms.DataGridView
    Friend WithEvents
DataMasterToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents
DataAbsensiToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents
DataTransaksiToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents ToolStripMenuItem3 As
System.Windows.Forms.ToolStripSeparator
    Friend WithEvents btExportGridExcel As
System.Windows.Forms.Button
    Friend WithEvents btUpdateData As
System.Windows.Forms.Button
    Friend WithEvents
CetakSlipToolStripMenuItem As
System.Windows.Forms.ToolStripItem
    Friend WithEvents PictureBox1 As
System.Windows.Forms.PictureBox
    Friend WithEvents ToolStripButton6 As
System.Windows.Forms.ToolStripButton
End Class

```

Form Input Data Guru

Imports System.Text.RegularExpressions

Imports System.Data

Imports System.Data.OleDb

Public Class InputDataGuru

```

    Private Sub TextBox2_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
txtNamaDepan.TextChanged

```

End Sub

```

    Private Sub AddGuru_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles AddGuru.Click
        Dim conf

```

```

Dim JK As String
Dim conn As New
AccessData.DatabaseConnection
Dim command As New OleDbCommand
conn.close()

If Trim(txtNIP.Text) = "" Or
Trim(txtNamaDepan.Text) = "" Or
Trim(txtNamaBelakang.Text) = "" Or
Trim(txtAlamat.Text) = "" Or
Trim(txtKota.Text) = "" Or Trim(txtTTL.Text)
= "" Or Trim(txtTelp.Text) = "" Or
Trim(txtHP.Text) = "" Or Trim(txtEmail.Text)
= "" Then
    MsgBox("Tidak diperkenankan
terdapat data kosong, mohon diperiksa
kembali.", MsgBoxStyle.Critical, "Error")
ElseIf
EmailAddressCheck(txtEmail.Text) = False
Then
    MsgBox("Email yang Anda masukkan
tidak valid!", MsgBoxStyle.Critical, "Error")
Else
    conf = MsgBox("Data NIP " &
txtNIP.Text & " akan ditambahkan ke
database", MsgBoxStyle.OkCancel,
"Konfirmasi")
    If conf = vbOK Then
        'MsgBox(radiorJKp.Checked)
        'MsgBox(radiorJKw.Checked)
        'MsgBox(dtpLahir.Value.Date)

'MsgBox(checkStatusAktif.Checked)
'##### START: beri nilai object
radio Jenis Kelamin
    If radiorJKp.Checked = True Then
        JK = radiorJKp.Text
    ElseIf radiorJKw.Checked = True
Then
        JK = radiorJKw.Text
    End If
    '##### END:
    command =
conn.open.CreateCommand
    command.CommandText =
"INSERT INTO Tbl_Guru VALUES(" &
txtNIP.Text & "," & txtNamaDepan.Text &
"," & txtNamaBelakang.Text & "," & JK &
"," & txtAlamat.Text & "," & txtKota.Text
& "," & txtTTL.Text & "," &
dtpLahir.Value.Date & "," & txtTelp.Text &
"," & txtHP.Text & "," & txtEmail.Text &
"," & dtpJoin.Value.Date & "," &
checkStatusAktif.Checked & ")"

```

```

'MsgBox(command.CommandText)
Try
    conn.open()

    command.ExecuteScalar()
    MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")
    conn.close()
    command.Dispose()
    Me.Dispose()
    Me.Close()
Catch ex As OleDbException
    MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDb Error")
Catch ex As Exception
    MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
End Try
End If
End Sub

```

```

Private Sub InputDataGuru_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

```

```

End Sub
End Class

```

Form Input Data Tunjangan

```

Imports System.Data
Imports System.Data.OleDb
Public Class InputDataTunjangan

```

```

    Private Sub
InputDataTunjangan_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        cmbPeriodeTunjangan.SelectedIndex = 1
    End Sub

```

```

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
        Me.Dispose()
        Me.Close()
    End Sub

```

```

    Private Sub btAddTunjangan_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btAddTunjangan.Click
        Dim conf

```



```

Dim conn As New
AccessData.DatabaseConnection
Dim command As New OleDbCommand
conn.close()

If Trim(txtKdTunjangan.Text) = "" Or
Trim(txtNmTunjangan.Text) = "" Or
Trim(txtUangTunjangan.Text) = "" Then
    MsgBox("Tidak diperkenankan
terdapat data kosong, mohon diperiksa
kembali.", MsgBoxStyle.Critical, "Error")
ElseIf
IsNumeric(txtUangTunjangan.Text) = False
Then
    MsgBox("Kolom 'Uang Tunjangan'
dan 'Angka Periode' harus bernilai numerik.",
MsgBoxStyle.Critical, "Error")
Else
    conf = MsgBox("Data kode tunjangan
" & txtKdTunjangan.Text & " akan
ditambahkan ke database",
MsgBoxStyle.OkCancel, "Konfirmasi")
    If conf = vbOK Then
        command =
conn.open.CreateCommand
        command.CommandText =
"INSERT INTO Tbl_Tunjangan VALUES("
& txtKdTunjangan.Text & "," &
txtNmTunjangan.Text & "," &
txtUangTunjangan.Text & "," &
cmbPeriodeTunjangan.Text & "," &
txtKeterangan.Text & ")")
        MsgBox(command.CommandText)
        Try
            conn.open()

            command.ExecuteScalar()
            MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")
            conn.close()
            command.Dispose()
            Me.Dispose()
            Me.Close()
        Catch ex As OleDbException
            MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDB Error")
        Catch ex As Exception
            MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
        End Try
    End If
End If
End Sub

```

```

Private Sub
txtUangTunjangan_KeyPress(ByVal sender
As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs)
Handles txtUangTunjangan.KeyPress
    Dim allowedChars As String =
"0123456789"

```

```

    If allowedChars.IndexOf(e.KeyChar) = -1
Then
        ' Invalid Character
        e.Handled = True
    End If
End Sub

```

```

Private Sub
txtUangTunjangan_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles
txtUangTunjangan.TextChanged

```

```

End Sub
End Class

```

Form Input Data Insentif

```

Imports System.Data
Imports System.Data.OleDb

```

```

Public Class InputDataInsentif

```

```

    Private Sub Button1_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btCancel.Click
        Me.Dispose()
        Me.Close()
    End Sub

```

```

    Private Sub btAddInsentif_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles
btAddInsentif.Click
        Dim conf
        Dim conn As New
AccessData.DatabaseConnection
        Dim command As New OleDbCommand
        conn.close()

```

```

        If Trim(txtKdInsentif.Text) = "" Or
Trim(txtNmInsentif.Text) = "" Or
Trim(txtSatuanInsentif.Text) = "" Or
Trim(txtUangInsentif.Text) = "" Then

```

```

        MsgBox("Tidak diperkenankan
terdapat data kosong, mohon diperiksa
kembali.", MsgBoxStyle.Critical, "Error")
    ElseIf IsNumeric(txtUangInsentif.Text) =
False Then
        MsgBox("Kolom 'Uang Insentif' harus
bernilai numerik.", MsgBoxStyle.Critical,
"Error")
    Else
        conf = MsgBox("Data kode intensif "
& txtKdInsentif.Text & " akan ditambahkan
ke database", MsgBoxStyle.OkCancel,
"Konfirmasi")
        If conf = vbOK Then
            command =
conn.open.CreateCommand
            command.CommandText =
"INSERT INTO Tbl_Insentif VALUES('" &
txtKdInsentif.Text & "','" &
txtNmInsentif.Text & "','" &
txtSatuanInsentif.Text & "','" &
txtUangInsentif.Text & "','" &
txtKeterangan.Text & "')"
            'MsgBox(command.CommandText)
            Try
                conn.open()

                command.ExecuteScalar()
                MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")
                conn.close()
                command.Dispose()
                Me.Dispose()
                Me.Close()
            Catch ex As OleDbException
                MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDB Error")
            Catch ex As Exception
                MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
            End Try
        End If
    End If
End Sub

Private Sub
txtUangInsentif_KeyPress(ByVal sender As
Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs)
Handles txtUangInsentif.KeyPress
    Dim allowedChars As String =
"0123456789"

```

```

        If allowedChars.IndexOf(e.KeyChar) = -1
Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

```

```

Private Sub
txtUangInsentif_TextChanged(ByVal sender
As System.Object, ByVal e As
System.EventArgs)
Handles txtUangInsentif.TextChanged

```

```
End Sub
```

```

Private Sub InputDataInsentif_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs)
Handles MyBase.Load

```

```
End Sub
End Class
```

Form Absen Mengajar

```

Imports System.Data
Imports System.Data.OleDb

```

```

Public Class FAbsensi
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet

```

```

Private Sub FAbsensi_Load(ByVal sender
As System.Object, ByVal e As
System.EventArgs)
Handles MyBase.Load

```

```

        command = conn.open.CreateCommand
        command.CommandText = "select
[NIP],[Nama_Depan],[Nama_Belakang],[Tan
ggal_Join],[Aktif] from [Tbl_Guru] where
[Aktif]=True"

```

```

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

```

```

        dgvMiniSearchGuru.DataSource =
dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1
Then
            btPickNIP.Enabled = False
        Else

```

```

        btPickNIP.Enabled = True
    End If
    conn.close()
    command.Dispose()
End Sub

Private Sub Button1_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs)
End Sub

Private Sub btCancel_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
End Sub

Private Sub btPickNIP_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btPickNIP.Click
    txtNIP.Text =
dgvMiniSearchGuru.CurrentRow.Cells(0).Val
ue
End Sub

Private Sub btMiniSearch_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btMiniSearch.Click
    Dim kriteria As String
    If radioNIP.Checked = True Then
        kriteria = "where (UCase([NIP]) LIKE
%" & UCase(txtMiniSearch.Text) & "%)'"
    ElseIf radioNama.Checked = True Then
        kriteria = "where
(UCase([Nama_Depan]) LIKE '%" &
UCase(txtMiniSearch.Text) & "%' OR
UCase([Nama_Belakang]) LIKE '%" &
UCase(txtMiniSearch.Text) & "%)'"
    End If
    dataset.Clear()
    command = conn.open.CreateCommand
    command.CommandText = "select
[NIP],[Nama_Depan],[Nama_Belakang],[Tan
ggal_Join],[Aktif] from [Tbl_Guru] " &
kriteria & " and [Aktif]=True"

    adapter.SelectCommand = command
    adapter.Fill(dataset, "dsTbl_Guru")

    dgvMiniSearchGuru.DataSource =
dataset.Tables("dsTbl_Guru")

```

```

    If dgvMiniSearchGuru.Rows.Count < 1
Then
        btPickNIP.Enabled = False
    Else
        btPickNIP.Enabled = True
    End If
    conn.close()
    command.Dispose()
End Sub

Private Sub btSubmit_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit.Click
    Dim t1, t2 As DateTime
    Dim conf
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    conn.close()

    t1 = numHour1.Value.ToString & ":" &
numMinute1.Value.ToString
    t2 = numHour2.Value.ToString & ":" &
numMinute2.Value.ToString

    If Trim(txtKdAbsen.Text) = "" Or
Trim(txtNIP.Text) = "" Or
Trim(txtKelas.Text) = "" Or
Trim(txtMapel.Text) = "" Or
Trim(txtTopik.Text) = "" Then

'MsgBox(Int(DateDiff(DateInterval.Minute,
t1, t2) / 60))

'MsgBox(Int(DateDiff(DateInterval.Minute,
t1, t2) / 60) * valGV(0))
        MsgBox("Tidak diperkenankan
terdapat data kosong, mohon diperiksa
kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf DateDiff(DateInterval.Minute, t1,
t2) <= 0 Then
            MsgBox("Tentukan Jam Masuk dan
Jam Keluar dengan benar.",
MsgBoxStyle.Critical, "Error")
        ElseIf dtpAbsen.Value.Date >
System.DateTime.Today Then
            MsgBox("Tentukan Tanggal Absen
dengan benar.", MsgBoxStyle.Critical,
"Error")
        Else
            conf = MsgBox("Data Absensi
mengajar NIP " & txtNIP.Text & " akan
ditambahkan ke database",
MsgBoxStyle.OkCancel, "Konfirmasi")

```

```

        If conf = vbOK Then
            command =
conn.open.CreateCommand
            command.CommandText =
"INSERT INTO [Tbl_Absensi_Mengajar]
VALUES(" & txtKdAbsen.Text & "," &
txtNIP.Text & "," & dtpAbsen.Value.Date &
"," & t1 & "," & t2 & "," & txtKelas.Text &
"," & txtMapel.Text & "," & txtTopik.Text
& "," & Int(DateDiff(DateInterval.Minute, t1,
t2) / 60) & "," &
Int(DateDiff(DateInterval.Minute, t1, t2) / 60)
* valGV(0) & ")"
        Try
            conn.open()

            command.ExecuteScalar()
            MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")
            conn.close()
            command.Dispose()
            Me.Dispose()
            Me.Close()
        Catch ex As OleDbException
            MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDB Error")
        Catch ex As Exception
            MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
        End Try
    End If
End If
End Sub
End Class

```

Form Absen Ekstrakurikuler

```

Imports System.Data
Imports System.Data.OleDb
Imports System.Math
Public Class FAbsensiEkstra
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim t1, t2 As DateTime

    Private Sub countJmlJam()
        Dim jmljam, jmlmenit As Integer
        t1 = numHour1.Value.ToString & ":" &
numMinute1.Value.ToString

```

```

        t2 = numHour2.Value.ToString & ":" &
numMinute2.Value.ToString
        If t2 > t1 Then
            'txtJmlJam.Text =
DateDiff(DateInterval.Minute, t1, t2)
            jmljam =
Math.Truncate(DateDiff(DateInterval.Minute,
t1, t2) / 60)
            jmlmenit =
DateDiff(DateInterval.Minute, t1, t2) Mod 60
            txtJmlJam.Text = jmljam & ":" &
jmlmenit
        End If
    End Sub

```

```

    Private Sub btCancel_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btCancel.Click
        Me.Dispose()
        Me.Close()
    End Sub

```

```

    Private Sub FAbsensiEkstra_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        On Error Resume Next
        command = conn.open.CreateCommand
        command.CommandText = "select
[NIP],[Nama_Depan],[Nama_Belakang],[Tan
ggal_Join],[Aktif] from [Tbl_Guru] where
[Aktif]=True"

```

```

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

```

```

        dgvMiniSearchGuru.DataSource =
dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1
Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()

```

```

        '##### START : Isi datacombo box
dengan data tunjangan
        command = conn.open.CreateCommand
        command.CommandText = "select
[kd_tunjangan],[nm_tunjangan] from
[Tbl_Tunjangan] where [periode_tunjangan]
in ('Jam','Hari')"

```

```

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsRefTunjangan")
        With cmbKdTunjangan
            .DataSource =
dataset.Tables("dsRefTunjangan")
            .DisplayMember = "nm_tunjangan"
            .ValueMember = "kd_tunjangan"
            .SelectedIndex = 0
        End With
        conn.close()
        command.Dispose()
        ##### END : Isi data combobox dengan
data tunjangan
    End Sub

    Private Sub btMiniSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btMiniSearch.Click
        Dim kriteria As String
        If radioNIP.Checked = True Then
            kriteria = "where (UCase([NIP]) LIKE
%" & UCase(txtMiniSearch.Text) & "%)"
        ElseIf radioNama.Checked = True Then
            kriteria = "where
(UCase([Nama_Depan]) LIKE '%" &
UCase(txtMiniSearch.Text) & "%' OR
UCase([Nama_Belakang]) LIKE '%" &
UCase(txtMiniSearch.Text) & "%)"
        End If
        dataset.Clear()
        command = conn.open.CreateCommand
        command.CommandText = "select
[NIP],[Nama_Depan],[Nama_Belakang],[Tan
ggal_Join],[Aktif] from [Tbl_Guru] " &
kriteria & " and [Aktif]=True"

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource =
dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1
Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub

```

```

    Private Sub btPickNIP_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btPickNIP.Click
        txtNIP.Text =
dgvMiniSearchGuru.CurrentRow.Cells(0).Value
    End Sub

    Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
        Dim conf, tglaktif, tglnonaktif
        Dim jmlhonor As Integer
        Dim dsCekValidTunjangan As New DataSet
        Dim drCekValidTunjangan As OleDbDataReader

        conn.close()

        t1 = numHour1.Value.ToString & ":" &
numMinute1.Value.ToString
        t2 = numHour2.Value.ToString & ":" &
numMinute2.Value.ToString

        If Trim(txtKdAbsen.Text) = "" Or
Trim(txtNIP.Text) = "" Or
Trim(cmbKdTunjangan.SelectedValue) = ""
Then
            MsgBox("Tidak diperkenankan
terdapat data kosong, mohon diperiksa
kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf DateDiff(DateInterval.Minute, t1,
t2) <= 0 Then
            MsgBox("Tentukan Jam Masuk dan
Jam Keluar dengan benar.",
MsgBoxStyle.Critical, "Error")
        ElseIf dtpAbsen.Value.Date >
System.DateTime.Today Then
            MsgBox("Tentukan Tanggal Absen
dengan benar.", MsgBoxStyle.Critical,
"Error")
        Else
            command =
conn.open.CreateCommand
            command.CommandText = "select *
from [Tbl_Trans_Tunjangan] where [NIP]="
& Trim(txtNIP.Text) & "" and
[kd_tunjangan]="
&
cmbKdTunjangan.SelectedValue & ""
            adapter.SelectCommand = command
            adapter.Fill(dsCekValidTunjangan,
"cekTunjanganNIP")

```

```

        If
dsCekValidTunjangan.Tables(0).Rows.Count
>= 1 Then
    drCekValidTunjangan =
command.ExecuteReader
    drCekValidTunjangan.Read()

    tglaktif =
drCekValidTunjangan.Item(2)
    tglnonaktif =
drCekValidTunjangan.Item(3)

    dsCekValidTunjangan.Clear()

    conn.close()
    command.Dispose()
    command =
conn.open.CreateCommand
    command.CommandText = "select
a.*,b.[nm_tunjangan],b.[gaji_tunjangan] as
Bhonor_tunjangan,b.[periode_tunjangan] as
Bperiode_tunjangan from
[Tbl_Trans_Tunjangan] a inner join
[Tbl_Tunjangan] b on
a.[kd_tunjangan]=b.[kd_tunjangan] where
a.[NIP]='" & Trim(txtNIP.Text) & "'" and
a.[kd_tunjangan]='" &
cmbKdTunjangan.SelectedValue & "'" and (#"
& dtpAbsen.Value.Date & "#" between #" &
tglaktif & "#" and #" & tglnonaktif & "#)"

    adapter.SelectCommand = command
    adapter.Fill(dsCekValidTunjangan,
"cekTunjanganNIP")
    drCekValidTunjangan =
command.ExecuteReader
    drCekValidTunjangan.Read()
    If
dsCekValidTunjangan.Tables(0).Rows.Count
>= 1 Then
        If
(drCekValidTunjangan.Item("Bperiode_tunjan
gan") = "Hari") Then
            jmlhonor =
drCekValidTunjangan.Item("Bhonor_tunjanga
n")
        ElseIf
(drCekValidTunjangan.Item("Bperiode_tunjan
gan") = "Jam") Then
            jmlhonor =
drCekValidTunjangan.Item("Bhonor_tunjanga
n") *
Math.Truncate(DateDiff(DateInterval.Minute,
t1, t2) / 60)

```

```

End If
conn.close()
command.Dispose()
conf = MsgBox("Data absensi " &
cmbKdTunjangan.Text & " dengan NIP " &
txtNIP.Text & " akan ditambahkan ke
database",
MsgBoxStyle.OkCancel,
"Konfirmasi")
If conf = vbOK Then
    command =
conn.open.CreateCommand
    command.CommandText =
"insert into [Tbl_Absensi_Ekstra] values('" &
Trim(txtKdAbsen.Text) & "','" &
Trim(txtNIP.Text) & "','" &
cmbKdTunjangan.SelectedValue & "','" &
dtpAbsen.Value.Date & "','" & t1 & "','" & t2
&
Math.Truncate(DateDiff(DateInterval.Minute,
t1, t2) / 60) & "','" & jmlhonor & "')"
    Try
        conn.open()

        command.ExecuteScalar()
        MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")
        conn.close()
        command.Dispose()
        Me.Dispose()
        Me.Close()
    Catch ex As OleDbException
        MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDb Error")
    Catch ex As Exception
        MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
    End Try
End If
Else
    MsgBox("Tunjangan " &
cmbKdTunjangan.Text & " untuk NIP " &
txtNIP.Text & " tidak berada dalam masa
aktif", MsgBoxStyle.Critical, "Error")
End If
'command.CommandText = "select *
from [Tbl_Trans_Tunjangan] where "
MsgBox(command.CommandText)
Else
    MsgBox("NIP " & txtNIP.Text & "
tidak terdaftar untuk menerima tunjangan " &
cmbKdTunjangan.Text, MsgBoxStyle.Critical,
"Error")
End If
End If

```

```

End Sub

Private Sub numHour1_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles numHour1.ValueChanged
    Call countJmlJam()
End Sub

Private Sub numHour2_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles numHour2.ValueChanged
    Call countJmlJam()
End Sub

Private Sub numMinute1_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles numMinute1.ValueChanged
    Call countJmlJam()
End Sub

Private Sub numMinute2_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles numMinute2.ValueChanged
    Call countJmlJam()
End Sub
End Class

```

Form Cashbon

```

Imports System.Data
Imports System.Data.OleDb
Public Class FCashbon
    Dim conn As New AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet

    Private Sub FCashbon_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        command = conn.open.CreateCommand
        command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tan

```

```

ggal_Join],[Aktif] from [Tbl_Guru] where [Aktif]=True"

```

```

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1 Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub

```

```

Private Sub btMiniSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btMiniSearch.Click
    Dim kriteria As String
    If radioNIP.Checked = True Then
        kriteria = "where (UCase([NIP]) LIKE '%" & UCCase(txtMiniSearch.Text) & "%')"
    ElseIf radioNama.Checked = True Then
        kriteria = "where (UCase([Nama_Depan]) LIKE '%" & UCCase(txtMiniSearch.Text) & "%' OR UCase([Nama_Belakang]) LIKE '%" & UCCase(txtMiniSearch.Text) & "%')"
    End If
    dataset.Clear()
    command = conn.open.CreateCommand
    command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] " & kriteria & " and [Aktif]=True"

```

```

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1 Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub

```



```

Private Sub btPickNIP_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btPickNIP.Click
    txtNIP.Text =
dgvMiniSearchGuru.CurrentRow.Cells(0).Value
End Sub

```

```

Private Sub btCancel_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
End Sub

```

```

Private Sub btSubmit_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit.Click
    Dim conf
    If Trim(txtKdCashbon.Text) = "" Or
Trim(txtNIP.Text) = "" Or
Trim(txtNmCashbon.Text) = "" Or
Trim(txtJmlCashbon.Text) = "" Then
        MsgBox("Tidak diperkenankan
terdapat data kosong, mohon diperiksa
kembali.", MsgBoxStyle.Critical, "Error")
    ElseIf dtpCashbon.Value.Date >
System.DateTime.Today Then
        MsgBox("Tentukan Tanggal Cashbon
dengan benar.", MsgBoxStyle.Critical,
"Error")
    Else
        conf = MsgBox("Data cashbon NIP "
& txtNIP.Text & " sebesar " &
txtJmlCashbon.Text & " akan ditambahkan ke
database", MsgBoxStyle.OkCancel,
"Konfirmasi")
        If conf = vbOK Then
            command
            conn.open.CreateCommand
            command.CommandText =
"INSERT INTO [Tbl_Cashbon] VALUES('"
& txtKdCashbon.Text & "','" & txtNIP.Text &
 "','" & txtNmCashbon.Text & "','" &
dtpCashbon.Value.Date & "','" &
txtJmlCashbon.Text & "','" &
txtKeterangan.Text & "')"
            Try
                conn.open()

                command.ExecuteNonQuery()
                MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")

```

```

conn.close()
command.Dispose()
Me.Dispose()
Me.Close()
Catch ex As OleDbException
    MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDB Error")
Catch ex As Exception
    MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
End Try
End If
End Sub

```

```

Private Sub
txtJmlCashbon_KeyPress(ByVal sender As
Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs)
Handles txtJmlCashbon.KeyPress
    Dim allowedChars As String =
"0123456789"

    If allowedChars.IndexOf(e.KeyChar) = -1
Then
        ' Invalid Character
        e.Handled = True
    End If
End Sub

```

```

Private Sub
txtJmlCashbon_TextChanged(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
txtJmlCashbon.TextChanged

End Sub
End Class

```

Form Insentif Guru

```

Imports System.Data
Imports System.Data.OleDb

```

```

Public Class FInsentifGuru
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader

```



```

Private Sub FInsentifGuru_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    On Error Resume Next
    '##### START : Isi Data Grid View untuk pencarian NIP
    command = conn.open.CreateCommand
    command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] where [Aktif]=True"

    adapter.SelectCommand = command
    adapter.Fill(dataset, "dsTbl_Guru")

    dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
    If dgvMiniSearchGuru.Rows.Count < 1 Then
        btPickNIP.Enabled = False
    Else
        btPickNIP.Enabled = True
    End If
    conn.close()
    command.Dispose()
    '##### END : Isi Data Grid View untuk pencarian NIP

    '##### START : Isi datacombo box dengan data tunjangan
    command = conn.open.CreateCommand
    command.CommandText = "select * from [Tbl_Insentif]"

    adapter.SelectCommand = command
    adapter.Fill(dataset, "dsRefInsentif")
    With cmbKdInsentif
        .DataSource = dataset.Tables("dsRefInsentif")
        .DisplayMember = "nm_insentif"
        .ValueMember = "kd_insentif"
        .SelectedIndex = 0
    End With
    conn.close()
    command.Dispose()
    '##### END : Isi data combobox dengan data tunjangan

    '##### START : Get detail satuan dan honor insentif
    command = conn.open.CreateCommand
    command.CommandText = "select * from [Tbl_Insentif] where [kd_insentif]=''" & cmbKdInsentif.SelectedValue & """"

```

```

    adapter.SelectCommand = command
    adapter.Fill(dataset, "dsRefDetInsentif")
    reader = command.ExecuteReader
    reader.Read()
    txtTransHonorIns.Text = reader.Item("uang_insentif")
    lblQty.Text = reader.Item("satuan")
    conn.close()
    command.Dispose()
    'detInsentif()
    '##### END : Get detail satuan dan honor insentif
End Sub

```

```

Private Sub Cancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
End Sub

```

```

Private Sub btMiniSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btMiniSearch.Click
    Dim kriteria As String
    If radioNIP.Checked = True Then
        kriteria = "where (UCase([NIP])) LIKE '%" & UCCase(txtMiniSearch.Text) & "%'"
    ElseIf radioNama.Checked = True Then
        kriteria = "where (UCase([Nama_Depan]) LIKE '%" & UCCase(txtMiniSearch.Text) & "%' OR UCase([Nama_Belakang]) LIKE '%" & UCCase(txtMiniSearch.Text) & "%'"
    End If
    dataset.Clear()
    command = conn.open.CreateCommand
    command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] " & kriteria & " and [Aktif]=True"

```

```

    adapter.SelectCommand = command
    adapter.Fill(dataset, "dsTbl_Guru")

    dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
    If dgvMiniSearchGuru.Rows.Count < 1 Then
        btPickNIP.Enabled = False
    Else
        btPickNIP.Enabled = True
    End If

```

```

        End If
        conn.close()
        command.Dispose()
    End Sub

    Private Sub btPickNIP_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btPickNIP.Click
        txtNIP.Text =
dgvMiniSearchGuru.CurrentRow.Cells(0).Val
ue
    End Sub

    Private Sub btSubmit_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit.Click
        Dim conf
        If Trim(txtKdTransIns.Text) = "" Or
Trim(txtNIP.Text) = "" Or
Trim(cmbKdInsentif.Text) = "" Or
Trim(txtTransHonorIns.Text) = "" Or
Trim(txtQty.Text) = "" Then
            MsgBox("Tidak diperkenankan
terdapat data kosong, mohon diperiksa
kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf dtpTransIns.Value.Date >
System.DateTime.Today Then
            MsgBox("Tentukan tanggal pemberian
insentif dengan benar.", MsgBoxStyle.Critical,
"Error")
        Else
            conf = MsgBox("Data insentif NIP " &
txtNIP.Text & " sebesar " &
txtTransHonorIns.Text * Trim(txtQty.Text) &
" akan ditambahkan ke database",
MsgBoxStyle.OkCancel, "Konfirmasi")
            If conf = vbOK Then
                command =
conn.open.CreateCommand
                command.CommandText = "insert
into [Tbl_Trans_Insentif] values(" &
Trim(txtKdTransIns.Text) & ", " &
Trim(txtNIP.Text) & ", " &
Trim(cmbKdInsentif.SelectedValue) & ", " &
dtpTransIns.Value.Date & ", " &
txtTransHonorIns.Text & ", " &
Trim(txtQty.Text) & ", " &
txtTransHonorIns.Text * Trim(txtQty.Text) &
")"
            Try
                conn.open()

                command.ExecuteNonQuery()

```

```

                MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")
                conn.close()
                command.Dispose()
                Me.Dispose()
                Me.Close()
            Catch ex As OleDbException
                MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDB Error")
            Catch ex As Exception
                MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
            End Try
        End If
    End If
End Sub

    Private Sub txtQty_KeyPress(ByVal sender
As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs)
Handles txtQty.KeyPress
        Dim allowedChars As String =
"0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1
Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub txtQty_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
txtQty.TextChanged

    End Sub

    Private Sub cmbKdInsentif_SelectedIndexChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
cmbKdInsentif.SelectedIndexChanged
        On Error Resume Next
        ##### START : Get detail satuan dan
honor insentif
        Dim valins
        valins = cmbKdInsentif.SelectedValue
        command = conn.open.CreateCommand
        command.CommandText = "select *
from [Tbl_Insentif] where [kd_insentif]=' " &
valins & "'

        adapter.SelectCommand = command

```

```

        adapter.Fill(dataset, "dsRefDetInsentif")
        reader = command.ExecuteReader
        reader.Read()
        txtTransHonorIns.Text =
reader.Item("uang_insentif")
        lblQty.Text = reader.Item("satuan")
        conn.close()
        command.Dispose()
        'detInsentif()
        ##### END : Get detail satuan dan honor
insentif
    End Sub
End Class

```

Form Tunjangan Guru

```

Imports System.Data
Imports System.Data.OleDb
Public Class FTunjanganGuru
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet

```

```

    Private Sub FTunjanganGuru_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

```

```

        On Error Resume Next
        ##### START : Isi Data Grid View
untuk pencarian NIP
        command = conn.open.CreateCommand
        command.CommandText = "select
[NIP],[Nama_Depan],[Nama_Belakang],[Tan
ggal_Join],[Aktif] from [Tbl_Guru] where
[Aktif]=True"

```

```

        adapter.SelectCommand = command
        adapter.Fill(DataSet, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource =
DataSet.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1
Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
        ##### END : Isi Data Grid View untuk
pencarian NIP

```

```

        ##### START : Isi datacombo box
dengan data tunjangan
        command = conn.open.CreateCommand
        command.CommandText = "select
[kd_tunjangan],[nm_tunjangan]
from
[Tbl_Tunjangan] where [kd_tunjangan] <> ""
& paramGV(2) & """"

```

```

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsRefTunjangan")
        With cmbKdTunjangan
            .DataSource =
dataset.Tables("dsRefTunjangan")
            .DisplayMember = "nm_tunjangan"
            .ValueMember = "kd_tunjangan"
            .SelectedIndex = 0
        End With
        conn.close()
        command.Dispose()
        ##### END : Isi data combobox dengan
data tunjangan

```

End Sub

```

    Private Sub btMiniSearch_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
btMiniSearch.Click

```

```

        Dim kriteria As String
        If radioNIP.Checked = True Then
            kriteria = "where (UCase([NIP]) LIKE
%" & UCCase(txtMiniSearch.Text) & "%')""
        ElseIf radioNama.Checked = True Then
            kriteria = "where
(UCase([Nama_Depan]) LIKE '%" &
UCCase(txtMiniSearch.Text) & "%' OR
UCase([Nama_Belakang]) LIKE '%" &
UCCase(txtMiniSearch.Text) & "%')""

```

```

        End If
        dataset.Clear()
        command = conn.open.CreateCommand
        command.CommandText = "select
[NIP],[Nama_Depan],[Nama_Belakang],[Tan
ggal_Join],[Aktif] from [Tbl_Guru] " &
kriteria & " and [Aktif]=True"

```

```

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

```

```

        dgvMiniSearchGuru.DataSource =
dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1
Then
            btPickNIP.Enabled = False

```

```

Else
    btPickNIP.Enabled = True
End If
conn.close()
command.Dispose()
End Sub

Private Sub btCancel_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
End Sub

Private Sub btPickNIP_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btPickNIP.Click
    txtNIP.Text =
dgvMiniSearchGuru.CurrentRow.Cells(0).Val
ue
End Sub

Private Sub btSubmit_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit.Click
    Dim conf
    conn.close()

    If Trim(txtNIP.Text) = "" Or
Trim(cmbKdTunjangan.SelectedValue) = ""
Then
        MsgBox("Tidak diperkenankan
terdapat data kosong, mohon diperiksa
kembali.", MsgBoxStyle.Critical, "Error")
    ElseIf dtpTglAktif.Value.Date >=
dtpTglNonAktif.Value.Date Then
        MsgBox("Tentukan tanggal tunjangan
dengan benar.", MsgBoxStyle.Critical,
"Error")
    Else
        conf = MsgBox("Data Tunjangan " &
cmbKdTunjangan.Text & " untuk NIP " &
txtNIP.Text & " akan ditambahkan ke
database", MsgBoxStyle.OkCancel,
"Konfirmasi")
        If conf = vbOK Then

'MsgBox(cmbKdTunjangan.SelectedValue)
            command =
conn.open.CreateCommand
            command.CommandText =
"INSERT INTO [Tbl_Trans_Tunjangan]
VALUES('" & txtNIP.Text & "','" &
cmbKdTunjangan.SelectedValue & "','" &

```

```

dtpTglAktif.Value.Date & "','" &
dtpTglNonAktif.Value.Date & "')"
        Try
            conn.open()

            command.ExecuteScalar()
            MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")
            conn.close()
            command.Dispose()
            Me.Dispose()
            Me.Close()
        Catch ex As OleDbException
            MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDB Error")
        Catch ex As Exception
            MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
        End Try
    End If
End Sub
End Class

```

Form Proses Gaji

```

Imports System.Data
Imports System.Data.OleDb
Public Class FProsesGaji
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader
    Private Sub TextBox1_KeyPress(ByVal
sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs)
Handles txtTahun.KeyPress
        Dim allowedChars As String =
"0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1
Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub TextBox1_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
txtTahun.TextChanged

```

```

End Sub

Private Sub GroupBox1_Enter(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles GroupBox1.Enter
    cmbBulanGaji.SelectedIndex = 0
End Sub

Private Sub FProsesGaji_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    txtTahun.Text = System.DateTime.Today.Year
    If userRole = "True" Then
        chkResetGenerate.Enabled = True
    ElseIf userRole = "False" Then
        chkResetGenerate.Enabled = False
    End If
End Sub

Private Sub btCancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
End Sub

Private Sub btGenerate_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btGenerate.Click
    Dim bulanGaji As Integer
    Select Case (cmbBulanGaji.Text)
        Case "Januari"
            bulanGaji = 1
        Case "Februari"
            bulanGaji = 2
        Case "Maret"
            bulanGaji = 3
        Case "April"
            bulanGaji = 4
        Case "Mei"
            bulanGaji = 5
        Case "Juni"
            bulanGaji = 6
        Case "Juli"
            bulanGaji = 7
        Case "Agustus"
            bulanGaji = 8
        Case "September"
            bulanGaji = 9
        Case "Oktober"
            bulanGaji = 10
        Case "November"

```

```

            bulanGaji = 11
        Case "Desember"
            bulanGaji = 12
    End Select

    Dim selectedPeriode As Date
    selectedPeriode = Convert.ToDateTime(bulanGaji & "/" & valGV(1) & "/" & Trim(txtTahun.Text))

    '### TEST DATE ARITHMETIC
    'MsgBox(selectedPeriode)
    'MsgBox(DateAdd(DateInterval.Day, 1, DateAdd("m", -1, selectedPeriode)))
    'Me.Dispose()
    'Me.Close()
    '### END

    'MsgBox(selectedPeriode)

    'MsgBox(Format(System.DateTime.Today, "MM/dd/yyyy"))

    If Trim(txtTahun.Text) = "" Then
        MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
    ElseIf selectedPeriode > Format(System.DateTime.Today, "MM/dd/yyyy") Then
        MsgBox("Tentukan Periode Gaji dengan benar.", MsgBoxStyle.Critical, "Error")
    Else
        If chkResetGenerate.Checked = True Then
            command = conn.open.CreateCommand
            command.CommandText = "delete from [Tbl_Hist_Tunjangan] where [bulan]=''" & cmbBulanGaji.Text & "'" and [tahun]=''" & txtTahun.Text
            command.ExecuteScalar()
            command.Dispose()
            MsgBox("Proses Cleanup Tunjangan History: done", MsgBoxStyle.Information, "Information")

            command = conn.open.CreateCommand
            command.CommandText = "delete from [Tbl_Hist_Insentif] where [bulan]=''" & cmbBulanGaji.Text & "'" and [tahun]=''" & txtTahun.Text

```

```

        command.ExecuteScalar()
        command.Dispose()
        MsgBox("Proses CleanUp Insentif
History: done", MsgBoxStyle.Information,
"Information")

        command =
conn.open.CreateCommand
        command.CommandText = "delete
from [Tbl_Slip_Gaji] where [tgl_slip]=#" &
selectedPeriode & "#"
        command.ExecuteScalar()
        command.Dispose()
        MsgBox("Proses CleanUp Slip Gaji:
done", MsgBoxStyle.Information,
"Information")

    End If
    Try

        command =
conn.open.CreateCommand
        command.CommandText = "insert
into
[Tbl_Hist_Tunjangan]([NIP],[Nama_Depan],[
Nama_Belakang],[bulan],[tahun],[kd_tunjangan],
[nm_tunjangan],[besar_tunjangan]) select
a.[NIP],c.[Nama_Depan],c.[Nama_Belakang],'
" & cmbBulanGaji.Text & "," &
txtTahun.Text &
",a.[kd_tunjangan],d.[nm_tunjangan],sum(b.[j
ml_gaji]) from ((([Tbl_Trans_Tunjangan] a
inner join [Tbl_Absensi_Ekstra] b on
a.[NIP]=b.[NIP] and
a.[kd_tunjangan]=b.[jenis_absen]) inner join
[Tbl_Guru] c on a.[NIP]=c.[NIP]) inner join
[Tbl_Tunjangan] d on
a.[kd_tunjangan]=d.[kd_tunjangan]) where
b.[tanggal_absen] between #" &
DateAdd(DateInterval.Day, 1, DateAdd("m", -
1, selectedPeriode)) & "# and #" &
selectedPeriode & "# group by
a.[NIP],c.[Nama_Depan],c.[Nama_Belakang],
a.[kd_tunjangan],d.[nm_tunjangan]"
        command.ExecuteScalar()
        command.Dispose()
        MsgBox("Proses Tunjangan : step 1
of 2 done", MsgBoxStyle.Information,
"Information")

        command =
conn.open.CreateCommand
        command.CommandText = "insert
into

```

```

[Tbl_Hist_Tunjangan]([NIP],[Nama_Depan],[
Nama_Belakang],[bulan],[tahun],[kd_tunjangan],
[nm_tunjangan],[besar_tunjangan]) select
a.[NIP],c.[Nama_Depan],c.[Nama_Belakang],'
" & cmbBulanGaji.Text & "," &
txtTahun.Text &
",a.[kd_tunjangan],d.[nm_tunjangan],b.[gaji_t
unjangan] from ((([Tbl_Trans_Tunjangan] a
inner join [Tbl_Tunjangan] b on
a.[kd_tunjangan]=b.[kd_tunjangan]) inner join
[Tbl_Guru] c on a.[NIP]=c.[NIP]) inner join
[Tbl_Tunjangan] d on
a.[kd_tunjangan]=d.[kd_tunjangan]) where
b.[periode_tunjangan]='Bulan' and
a.[tanggal_nonaktif] > #" & selectedPeriode &
"#"

```

```

        command.ExecuteScalar()
        command.Dispose()
        MsgBox("Proses Tunjangan : step 2
of 2 done", MsgBoxStyle.Information,
"Information")

```

```

        command =
conn.open.CreateCommand
        command.CommandText = "insert
into
[Tbl_Hist_Insentif]
([NIP],[Nama_Depan],[Nama_Belakang],[bul
an],[tahun],[kd_insentif],[nm_insentif],[besar_
insentif]) select
a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],
" & cmbBulanGaji.Text & "," &
txtTahun.Text &
",a.[kd_insentif],c.[nm_insentif],sum(a.[jml_g
aji_insentif]) from ((([Tbl_Trans_Insentif] a
inner join [Tbl_Guru] b on a.[NIP]=b.[NIP])
inner join [Tbl_Insentif] c on
a.[kd_insentif]=c.[kd_insentif]) where
a.[tgl_insentif] between #" &
DateAdd(DateInterval.Day, 1, DateAdd("m", -
1, selectedPeriode)) & "# and #" &
selectedPeriode & "# group by
a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],
a.[kd_insentif],c.[nm_insentif]"

```

```

        command.ExecuteScalar()
        command.Dispose()
        MsgBox("Proses Insentif : step 1 of
1 done", MsgBoxStyle.Information,
"Information")

```

```

        ##### START: Insert to table
Tbl_Slip_Gaji
        command =
conn.open.CreateCommand

```



```

        command.CommandText = "insert
into [Tbl_Slip_Gaji]
([tgl_slip],[NIP],[Nama_Depan],[Nama_Belakang],[gaji_mengajar])
select #" &
selectedPeriode &
"#,a.[NIP],a.[Nama_Depan],a.[Nama_Belakang],
sum(IIF(ISNULL(b.[gaji_mengajar]),0,b.[gaji_mengajar]))
from [Tbl_Guru] a inner join
[Tbl_Absensi_Mengajar] b on
a.[NIP]=b.[NIP] where b.[tanggal_absen]
between #" & DateAdd(DateInterval.Day, 1,
DateAdd("m", -1, selectedPeriode)) & "# and
#" & selectedPeriode & "# group by
a.[NIP],a.[Nama_Depan],a.[Nama_Belakang]"
        command.ExecuteNonQuery()
        command.Dispose()

        command =
conn.open.CreateCommand
        command.CommandText = "update
[Tbl_Slip_Gaji] a set a.[gaji_tunjangan] =
IIF(ISNULL(DLookup("'"&sumTunjangan"'",'"
QSumHistTunjangan'"',"[NIP]='" & a![NIP]
& "'" and [bulan]='" & cmbBulanGaji.Text &
'" and tahun=" & Trim(txtTahun.Text) &
"'))),0,DLookup("'"&sumTunjangan"'",'"
QSumHistTunjangan'"',"[NIP]='" & a![NIP] &
'" and [bulan]='" & cmbBulanGaji.Text &
'" and tahun=" & Trim(txtTahun.Text) &
"')) where a.[tgl_slip] = #" & selectedPeriode &
#"
        command.ExecuteNonQuery()
        command.Dispose()

        command =
conn.open.CreateCommand
        command.CommandText = "update
[Tbl_Slip_Gaji] a set a.[gaji_insentif] =
IIF(ISNULL(DLookup("'"&sumInsentif"'",'"
QSumHistInsentif'"',"[NIP]='" & a![NIP] &
'" and [bulan]='" & cmbBulanGaji.Text &
'" and tahun=" & Trim(txtTahun.Text) &
"'))),0,DLookup("'"&sumInsentif"'",'"
QSumHistInsentif'"',"[NIP]='" & a![NIP] &
'" and [bulan]='" & cmbBulanGaji.Text &
'" and tahun=" & Trim(txtTahun.Text) &
"')) where a.[tgl_slip] = #" & selectedPeriode &
#"
        command.ExecuteNonQuery()
        command.Dispose()

        command =
conn.open.CreateCommand
        command.CommandText = "update
[Tbl_Slip_Gaji]
[total_gaji]=[gaji_mengajar]+[gaji_tunjangan]"

```

```

+[gaji_insentif] where [tgl_slip]=#" &
selectedPeriode & #"
        command.ExecuteScalar()
        command.Dispose()

        command =
conn.open.CreateCommand
        command.CommandText = "update
[Tbl_Slip_Gaji] a set a.[total_cashbon] =
IIF(ISNULL(DLookup("'"&jmlCashbon"'",'"
QSumCashbon'"',"[NIP]='" & a![NIP] &
'" and [bulan]='" & bulanGaji &
'" and tahun=" & Trim(txtTahun.Text) &
"'))),0,DLookup("'"&jmlCashbon"'",'"
QSumCashbon'"',"[NIP]='" & a![NIP] &
'" and [bulan]='" & bulanGaji &
'" and tahun=" & Trim(txtTahun.Text) &
"')) where a.[tgl_slip] = #" & selectedPeriode &
#"
        command.ExecuteNonQuery()
        command.Dispose()

        command =
conn.open.CreateCommand
        command.CommandText = "update
[Tbl_Slip_Gaji] set [gaji_netto]=[total_gaji]-
[total_cashbon] where [tgl_slip]=#" &
selectedPeriode & #"
        command.ExecuteNonQuery()
        command.Dispose()
        MsgBox("Proses Slip Gaji : step 1 of
1 done", MsgBoxStyle.Information,
"Information")
        ##### END: Insert to table
Tbl_Slip_Gaji
        Me.Dispose()
        Me.Close()

        Catch ex As OleDbException
        MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDB Error")
        Catch ex As Exception
        MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
        End Try
        End If
        End Sub

        Private Sub
chkResetGenerate_CheckedChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
chkResetGenerate.CheckedChanged
        If chkResetGenerate.Checked = True
Then

```

```

        MsgBox("Sebelum mengkalkulasi
penggajian, sistem akan melakukan clean up
data dalam periode yang dipilih",
MsgBoxStyle.Information, "Information")
    End If
End Sub
End Class

```

Form Report Master

```

Imports System.Data
Imports System.Data.OleDb
Public Class FReportMaster
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader
    Private Sub TextBox4_KeyPress(ByVal
sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs)
Handles txtHonor.KeyPress
        Dim allowedChars As String =
"0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1
Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub TextBox4_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
txtHonor.TextChanged

    End Sub

    Private Sub btCancel3_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btClose3.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub btCancel2_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btClose2.Click
        Me.Dispose()
        Me.Close()
    End Sub

```

```

    Private Sub btCancel_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btClose.Click
        Me.Dispose()
        Me.Close()
    End Sub

```

```

    Private Sub btSubmit_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit.Click
        dataset.Clear()
        Me.command =
conn.open.CreateCommand
        If chkAllGuru.Checked = True Then
            Me.command.CommandText = "select
* from [Tbl_Guru]"
        Else
            If Trim(txtNamaNIP.Text) = "" Then
                Me.command.CommandText =
"select * from [Tbl_Guru] where
[Tanggal_Join] between #" &
dtpStartDate.Value.Date & "# and #" &
dtpEndDate.Value.Date & "#"
            Else
                Me.command.CommandText =
"select * from [Tbl_Guru] where [NIP] like
%" & txtNamaNIP.Text & "%' or
[Nama_Depan] like %" & txtNamaNIP.Text
& "%' or [Nama_Belakang] like %" &
txtNamaNIP.Text & "%"
            End If
        End If
        Me.adapter.SelectCommand = command
        Me.adapter.Fill(dataset,
"dsTbl_ReportGuru")

        If dataset.Tables(0).Rows.Count > 0 Then
            MainForm.btUpdateData.Enabled =
True
        Else
            MainForm.btUpdateData.Enabled =
False
        End If

        MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("dsTbl_ReportGuru")
        command.Dispose()
        conn.close()
        tableGrid = "[Tbl_Guru]"
    End Sub

    Private Sub
chkAllGuru_CheckedChanged(ByVal sender

```



```

As System.Object, ByVal e As System.EventArgs) Handles
chkAllGuru.CheckedChanged
    If chkAllGuru.Checked = True Then
        txtNamaNIP.Enabled = False
        dtpStartDate.Enabled = False
        dtpEndDate.Enabled = False
    ElseIf chkAllGuru.Checked = False Then
        txtNamaNIP.Enabled = True
        dtpStartDate.Enabled = True
        dtpEndDate.Enabled = True
    End If
End Sub

Private Sub
chkAllTunjangan_CheckedChanged(ByVal
sender As System.Object, ByVal e As System.EventArgs) Handles
chkAllTunjangan.CheckedChanged
    If chkAllTunjangan.Checked = True
Then
        txtNmKdTunj.Enabled = False
        cmbPeriodeTunjangan.Enabled = False
    ElseIf chkAllTunjangan.Checked = False
Then
        txtNmKdTunj.Enabled = True
        cmbPeriodeTunjangan.Enabled = True
    End If
End Sub

Private Sub btSubmit2_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs) Handles btSubmit2.Click
    dataset.Clear()
    Me.command =
conn.open.CreateCommand
    If chkAllTunjangan.Checked = True
Then
        command.CommandText = "select *
from [Tbl_Tunjangan]"
    Else
        If Trim(txtNmKdTunj.Text) = "" And
cmbPeriodeTunjangan.Text = "" Then
            command.CommandText = "select *
from [Tbl_Tunjangan] where 1=2"
        ElseIf Trim(txtNmKdTunj.Text) = ""
And cmbPeriodeTunjangan.Text <> "" Then
            command.CommandText = "select *
from [Tbl_Tunjangan] where
[periode_tunjangan]=''" &
cmbPeriodeTunjangan.Text & ""
        ElseIf Trim(txtNmKdTunj.Text) <> ""
Then

```

```

        command.CommandText = "select *
from [Tbl_Tunjangan] where [nm_tunjangan]
like '%" & txtNmKdTunj.Text & "%' or
[kd_tunjangan] like '%" & txtNmKdTunj.Text
& "%"
        End If
    End If
    Me.adapter.SelectCommand = command
    Me.adapter.Fill(dataset,
"dsTbl_ReportTunj")

    If dataset.Tables(0).Rows.Count > 0 Then
        MainForm.btUpdateData.Enabled =
True
    Else
        MainForm.btUpdateData.Enabled =
False
    End If
    MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("dsTbl_ReportTunj")
    command.Dispose()
    conn.close()
    tableGrid = "[Tbl_Tunjangan]"
End Sub

Private Sub
CheckBox1_CheckedChanged(ByVal sender
As System.Object, ByVal e As System.EventArgs) Handles
chkAllInsentif.CheckedChanged
    If chkAllInsentif.Checked = True Then
        txtKdNmInsentif.Enabled = False
        cmbOpr.Enabled = False
        txtHonor.Enabled = False
    ElseIf chkAllInsentif.Checked = False
Then
        txtKdNmInsentif.Enabled = True
        cmbOpr.Enabled = True
        txtHonor.Enabled = True
    End If
End Sub

Private Sub btSubmit3_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs) Handles btSubmit3.Click
    dataset.Clear()
    Me.command =
conn.open.CreateCommand
    If chkAllInsentif.Checked = True Then
        command.CommandText = "select *
from [Tbl_Insentif]"
    Else
        If Trim(txtKdNmInsentif.Text) <> ""
Then

```

```

        command.CommandText = "select *
from [Tbl_Insentif] where [kd_insentif] like
'" & txtKdNmInsentif.Text & "' or
[nm_insentif] like '%" &
txtKdNmInsentif.Text & "%"
ElseIf Trim(txtKdNmInsentif.Text) =
"" And txtHonor.Text <> "" Then
        command.CommandText = "select *
from [Tbl_Insentif] where [uang_insentif] " &
cmbOpr.Text & " " & txtHonor.Text
Else
        command.CommandText = "select *
from [Tbl_Insentif] where 1=2"
End If
End If
Me.adapter.SelectCommand = command
Me.adapter.Fill(dataset,
"dsTbl_ReportIns")

If dataset.Tables(0).Rows.Count > 0 Then
    MainForm.btUpdateData.Enabled =
True
Else
    MainForm.btUpdateData.Enabled =
False
End If

MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("dsTbl_ReportIns")
command.Dispose()
conn.close()
tableGrid = "[Tbl_Insentif]"
End Sub

Private Sub TabPage3_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles TabPage3.Click
    cmbOpr.SelectedIndex = 0
End Sub

Private Sub FReportMaster_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    cmbOpr.SelectedIndex = 0
End Sub
End Class

```

Form Report Absensi

```

Imports System.Data
Imports System.Data.OleDb

```

```
Public Class FReportAbsensi
```

```

    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader
    Private Sub btSubmit2_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit2.Click
        dataset.Clear()
        command = conn.open.CreateCommand
        If chkAbsEkstra.Checked = True Then
            command.CommandText = "select
a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan],
b.[Nama_Belakang],a.[jenis_absen],c.[nm_tun
jangan],a.[tanggal_absen],format(a.[jam_masu
k],""Short Time"") as
Jam_Masuk,format(a.[jam_keluar],""Short
Time"") as
Jam_Keluar,a.[jml_jam],a.[jml_gaji] from
((([Tbl_Absensi_Ekstra] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c on
a.[jenis_absen]=c.[kd_tunjangan]))"
Else
        If Trim(txtNmNIP.Text) = "" And
cmbJenisAbs.SelectedValue = "" And
DateDiff(DateInterval.Day,
dtpStartAbs.Value.Date,
dtpEndAbs.Value.Date) <= 0 Then
            MsgBox("Tentukan kriteria
pencarian dengan benar!",
MsgBoxStyle.Critical, "Error")
ElseIf Trim(txtNmNIP.Text) = "" And
cmbJenisAbs.SelectedValue = "" And
DateDiff(DateInterval.Day,
dtpStartAbs.Value.Date,
dtpEndAbs.Value.Date) > 0 Then
            command.CommandText = "select
a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan],
b.[Nama_Belakang],a.[jenis_absen],c.[nm_tun
jangan],a.[tanggal_absen],format(a.[jam_masu
k],""Short Time"") as
Jam_Masuk,format(a.[jam_keluar],""Short
Time"") as
Jam_Keluar,a.[jml_jam],a.[jml_gaji] from
((([Tbl_Absensi_Ekstra] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c on
a.[jenis_absen]=c.[kd_tunjangan]) where
a.[tanggal_absen] between #" &
dtpStartAbs.Value.Date & " and #" &
dtpEndAbs.Value.Date & "#"

```

```

Elseif Trim(txtNmNIP.Text) = "" And
cmbJenisAbs.SelectedValue <> "" And
DateDiff(DateInterval.Day,
dtpStartAbs.Value.Date,
dtpEndAbs.Value.Date) <= 0 Then
    command.CommandText = "select
a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan],
b.[Nama_Belakang],a.[jenis_absen],c.[nm_tun
jangan],a.[tanggal_absen],format(a.[jam_masu
k],""Short Time"") as
Jam_Masuk,format(a.[jam_keluar],""Short
Time"") as
Jam_Keluar,a.[jml_jam],a.[jml_gaji] from
((([Tbl_Absensi_Ekstra] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[jenis_absen]=c.[kd_tunjangan]) where
a.[jenis_absen]=" &
cmbJenisAbs.SelectedValue & ""
Elseif Trim(txtNmNIP.Text) = "" And
cmbJenisAbs.SelectedValue <> "" And
DateDiff(DateInterval.Day,
dtpStartAbs.Value.Date,
dtpEndAbs.Value.Date) > 0 Then
    command.CommandText = "select
a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan],
b.[Nama_Belakang],a.[jenis_absen],c.[nm_tun
jangan],a.[tanggal_absen],format(a.[jam_masu
k],""Short Time"") as
Jam_Masuk,format(a.[jam_keluar],""Short
Time"") as
Jam_Keluar,a.[jml_jam],a.[jml_gaji] from
((([Tbl_Absensi_Ekstra] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[jenis_absen]=c.[kd_tunjangan]) where
a.[jenis_absen]=" &
cmbJenisAbs.SelectedValue & ""
(a.[tanggal_absen] between #" &
dtpStartAbs.Value.Date & #" and #" &
dtpEndAbs.Value.Date & "#)"
Elseif Trim(txtNmNIP.Text) <> ""
And cmbJenisAbs.SelectedValue = "" And
DateDiff(DateInterval.Day,
dtpStartAbs.Value.Date,
dtpEndAbs.Value.Date) <= 0 Then
    command.CommandText = "select
a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan],
b.[Nama_Belakang],a.[jenis_absen],c.[nm_tun
jangan],a.[tanggal_absen],format(a.[jam_masu
k],""Short Time"") as
Jam_Masuk,format(a.[jam_keluar],""Short
Time"") as
Jam_Keluar,a.[jml_jam],a.[jml_gaji] from

```

```

((([Tbl_Absensi_Ekstra] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[jenis_absen]=c.[kd_tunjangan]) where
(a.[NIP]=" & Trim(txtNmNIP.Text) & "" or
b.[Nama_Depan] like "%" &
Trim(txtNmNIP.Text) & "%' or
b.[Nama_Belakang] like "%" &
Trim(txtNmNIP.Text) & "%')
Elseif Trim(txtNmNIP.Text) <> ""
And cmbJenisAbs.SelectedValue = "" And
DateDiff(DateInterval.Day,
dtpStartAbs.Value.Date,
dtpEndAbs.Value.Date) > 0 Then
    command.CommandText = "select
a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan],
b.[Nama_Belakang],a.[jenis_absen],c.[nm_tun
jangan],a.[tanggal_absen],format(a.[jam_masu
k],""Short Time"") as
Jam_Masuk,format(a.[jam_keluar],""Short
Time"") as
Jam_Keluar,a.[jml_jam],a.[jml_gaji] from
((([Tbl_Absensi_Ekstra] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[jenis_absen]=c.[kd_tunjangan]) where
(a.[NIP]=" & Trim(txtNmNIP.Text) & "" or
b.[Nama_Depan] like "%" &
Trim(txtNmNIP.Text) & "%' or
b.[Nama_Belakang] like "%" &
Trim(txtNmNIP.Text) & "%') and
(a.[tanggal_absen] between #" &
dtpStartAbs.Value.Date & #" and #" &
dtpEndAbs.Value.Date & "#)"
Elseif Trim(txtNmNIP.Text) <> ""
And cmbJenisAbs.SelectedValue <> "" And
DateDiff(DateInterval.Day,
dtpStartAbs.Value.Date,
dtpEndAbs.Value.Date) <= 0 Then
    command.CommandText = "select
a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan],
b.[Nama_Belakang],a.[jenis_absen],c.[nm_tun
jangan],a.[tanggal_absen],format(a.[jam_masu
k],""Short Time"") as
Jam_Masuk,format(a.[jam_keluar],""Short
Time"") as
Jam_Keluar,a.[jml_jam],a.[jml_gaji] from
((([Tbl_Absensi_Ekstra] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[jenis_absen]=c.[kd_tunjangan]) where
(a.[NIP]=" & Trim(txtNmNIP.Text) & "" or
b.[Nama_Depan] like "%" &
Trim(txtNmNIP.Text) & "%' or

```

```

b.[Nama_Belakang] like "%" &
Trim(txtNmNIP.Text) & "%'" and
a.[jenis_absen]="'" &
cmbJenisAbs.SelectedValue & ""'
ElseIf Trim(txtNmNIP.Text) <> ""'
And cmbJenisAbs.SelectedValue <> ""' And
DateDiff(DateInterval.Day,
dtpStartAbs.Value.Date,
dtpEndAbs.Value.Date) > 0 Then
    command.CommandText = "select
a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan],
b.[Nama_Belakang],a.[jenis_absen],c.[nm_tun
jangan],a.[tanggal_absen],format(a.[jam_masu
k],""Short Time""') as
Jam_Masuk,format(a.[jam_keluar],""Short
Time""') as
Jam_Keluar,a.[jml_jam],a.[jml_gaji] from
(((Tbl_Absensi_Ekstra] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c on
a.[jenis_absen]=c.[kd_tunjangan]) where
(a.[NIP]="'" & Trim(txtNmNIP.Text) & ""' or
b.[Nama_Depan] like "%" &
Trim(txtNmNIP.Text) & "%'" or
b.[Nama_Belakang] like "%" &
Trim(txtNmNIP.Text) & "%'" and
a.[jenis_absen]="'" &
cmbJenisAbs.SelectedValue & ""' and
(a.[tanggal_absen] between #" &
dtpStartAbs.Value.Date & "# and #" &
dtpEndAbs.Value.Date & "#)"
End If
End If
adapter.SelectCommand = command
adapter.Fill(dataset, "ds_AbsEkstra")

If dataset.Tables(0).Rows.Count > 0 Then
    MainForm.btUpdateData.Enabled =
True
Else
    MainForm.btUpdateData.Enabled =
False
End If

MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("ds_AbsEkstra")
conn.close()
command.Dispose()
tableGrid = "[Tbl_Absensi_Ekstra]"
End Sub

Private Sub btSubmit_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit.Click

```

```

dataset.Clear()
command = conn.open.CreateCommand
If chkAbsAjar.Checked = True Then
    command.CommandText = "select
a.[kd_absen_mengajar],a.[NIP],b.[Nama_Dep
an],b.[Nama_Belakang],a.[tanggal_absen],for
mat(a.[jam_masuk],""Short Time""') as
[Jam_Masuk],format(a.[jam_keluar],""Short
Time""') as
[Jam_Keluar],a.[kelas],a.[mata_pelajaran],a.[t
opik],a.[jml_jam],a.[gaji_mengajar] from
[Tbl_Absensi_Mengajar] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]"
Else
    If Trim(txtNamaNIP.Text) = ""' And
DateDiff(DateInterval.Day,
dtpStartDate.Value.Date,
dtpEndDate.Value.Date) <= 0 Then
        MsgBox("Tentukan kriteria
pencarian dengan benar!",
MsgBoxStyle.Critical, "Error")
    Exit Sub
    ElseIf Trim(txtNamaNIP.Text) = ""'
And
DateDiff(DateInterval.Day,
dtpStartDate.Value.Date,
dtpEndDate.Value.Date) > 0 Then
        command.CommandText = "select
a.[kd_absen_mengajar],a.[NIP],b.[Nama_Dep
an],b.[Nama_Belakang],a.[tanggal_absen],a.[j
am_masuk],a.[jam_keluar],a.[kelas],a.[mata_p
elajaran],a.[topik],a.[jml_jam],a.[gaji_mengaja
r] from [Tbl_Absensi_Mengajar] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP] where
a.[tanggal_absen] between #" &
dtpStartDate.Value.Date & "# and #" &
dtpEndDate.Value.Date & "#"
    ElseIf Trim(txtNamaNIP.Text) <> ""'
And
DateDiff(DateInterval.Day,
dtpStartDate.Value.Date,
dtpEndDate.Value.Date) <= 0 Then
        command.CommandText = "select
a.[kd_absen_mengajar],a.[NIP],b.[Nama_Dep
an],b.[Nama_Belakang],a.[tanggal_absen],a.[j
am_masuk],a.[jam_keluar],a.[kelas],a.[mata_p
elajaran],a.[topik],a.[jml_jam],a.[gaji_mengaja
r] from [Tbl_Absensi_Mengajar] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP] where
a.[NIP]="'" & Trim(txtNamaNIP.Text) & ""' or
b.[Nama_Depan] like "%" &
Trim(txtNamaNIP.Text) & "%'" or
b.[Nama_Belakang] like "%" &
Trim(txtNamaNIP.Text) & "%'"
    ElseIf Trim(txtNamaNIP.Text) <> ""'
And
DateDiff(DateInterval.Day,

```

```

dtpStartDate.Value.Date,
dtpEndDate.Value.Date) > 0 Then
    command.CommandText = "select
a.[kd_absen_mengajar],a.[NIP],b.[Nama_Dep
an],b.[Nama_Belakang],a.[tanggal_absen],a.[j
am_masuk],a.[jam_keluar],a.[kelas],a.[mata_p
elajaran],a.[topik],a.[jml_jam],a.[gaji_mengaja
r] from [Tbl_Absensi_Mengajar] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP] where
(a.[NIP]=''" & Trim(txtNamaNIP.Text) & "'" or
b.[Nama_Depan] like '%" &
Trim(txtNamaNIP.Text) & "' or
b.[Nama_Belakang] like '%" &
Trim(txtNamaNIP.Text) & "' and
(a.[tanggal_absen] between #" &
dtpStartDate.Value.Date & "# and #" &
dtpEndDate.Value.Date & "#)"
End If
End If

Me.adapter.SelectCommand = command
Me.adapter.Fill(dataset,
"dsTbl_AbsAjar")

If dataset.Tables(0).Rows.Count > 0 Then
    MainForm.btUpdateData.Enabled =
True
Else
    MainForm.btUpdateData.Enabled =
False
End If

MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("dsTbl_AbsAjar")
conn.close()
command.Dispose()
tableGrid = "[Tbl_Absensi_Mengajar]"
End Sub

Private Sub
chkAbsAjar_CheckedChanged(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles
chkAbsAjar.CheckedChanged
    If chkAbsAjar.Checked = True Then
        txtNamaNIP.Enabled = False
        dtpStartDate.Enabled = False
        dtpEndDate.Enabled = False
    ElseIf chkAbsAjar.Checked = False Then
        txtNamaNIP.Enabled = True
        dtpStartDate.Enabled = True
        dtpEndDate.Enabled = True
    End If
End Sub

```

```

Private Sub btClose_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles btClose.Click
    Me.Dispose()
    Me.Close()
End Sub

```

```

Private Sub
DateTimePicker2_ValueChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
dtpStartAbs.ValueChanged

End Sub

```

```

Private Sub FReportAbsensi_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Dim datasetTunj As New DataSet
    command = conn.open.CreateCommand
    command.CommandText = "select " as
[jenis_absen],'-Pilih Tunjangan-' as
[nm_tunjangan] from [Tbl_Tunjangan] union
select distinct
a.[jenis_absen],c.[nm_tunjangan] from
[Tbl_Absensi_Ekstra] a inner join
[Tbl_Tunjangan] c on
a.[jenis_absen]=c.[kd_tunjangan]"
    adapter.SelectCommand = command
    adapter.Fill(datasetTunj,
"refTunjanganAbs")
    With cmbJenisAbs
        .DataSource =
datasetTunj.Tables("refTunjanganAbs")
        .DisplayMember = "nm_tunjangan"
        .ValueMember = "jenis_absen"
    End With
    conn.close()
    command.Dispose()
End Sub

```

```

Private Sub
chkAbsEkstra_CheckedChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
chkAbsEkstra.CheckedChanged
    If chkAbsEkstra.Checked = True Then
        txtNmNIP.Enabled = False
        cmbJenisAbs.Enabled = False
        dtpStartAbs.Enabled = False
        dtpEndAbs.Enabled = False
    ElseIf chkAbsEkstra.Checked = False
Then

```

```

        txtNmNIP.Enabled = True
        cmbJenisAbs.Enabled = True
        dtpStartAbs.Enabled = True
        dtpEndAbs.Enabled = True
    End If
End Sub

Private Sub btClose2_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btClose2.Click
    Me.Dispose()
    Me.Close()
End Sub
End Class

```

Form Report Transaksi

```

Imports System.Data
Imports System.Data.OleDb
Public Class FReportTransaksi
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader
    Private Sub TextBox4_KeyPress(ByVal
sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs)
Handles txtCashbon.KeyPress
        Dim allowedChars As String =
"0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1
Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub TextBox4_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
txtCashbon.TextChanged

    End Sub

    Private Sub btClose_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles btClose.Click
        Me.Dispose()
        Me.Close()
    End Sub

```

```

    Private Sub btClose2_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btClose2.Click
        Me.Dispose()
        Me.Close()
    End Sub

```

```

    Private Sub btClose3_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btClose3.Click
        Me.Dispose()
        Me.Close()
    End Sub

```

```

Private Sub
chkAllTunjGuru_CheckedChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
chkAllTunjGuru.CheckedChanged
    If chkAllTunjGuru.Checked = True Then
        txtNmNIP.Enabled = False
        cmbTunj.Enabled = False
    ElseIf chkAllTunjGuru.Checked = False
Then
        txtNmNIP.Enabled = True
        cmbTunj.Enabled = True
    End If
End Sub

```

```

    Private Sub btSubmit_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit.Click
        dataset.Clear()
        command = conn.open.CreateCommand
        If chkAllTunjGuru.Checked = True Then
            command.CommandText = "select
a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],
a.[kd_tunjangan],c.[nm_tunjangan],a.[tanggal_
aktif],a.[tanggal_nonaktif]
from
((Tbl_Trans_Tunjangan] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[kd_tunjangan]=c.[kd_tunjangan])"
        ElseIf chkAllTunjGuru.Checked = False
Then
            If Trim(txtNmNIP.Text) = "" And
cmbTunj.SelectedValue = "" Then
                MsgBox("Tentukan kriteria
pencarian dengan benar!",
MsgBoxStyle.Critical, "Error")
            Exit Sub
        ElseIf Trim(txtNmNIP.Text) <> ""
And cmbTunj.SelectedValue = "" Then

```



```

        command.CommandText = "select
a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],
a.[kd_tunjangan],c.[nm_tunjangan],a.[tanggal_
aktif],a.[tanggal_nonaktif]
from
(((Tbl_Trans_Tunjangan] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[kd_tunjangan]=c.[kd_tunjangan]) where
(a.[NIP]='" & Trim(txtNmNIP.Text) & "' or
b.[Nama_Depan] like '%" &
Trim(txtNmNIP.Text) & "%'" or
b.[Nama_Belakang] like '%" &
Trim(txtNmNIP.Text) & "%'")"
Elseif Trim(txtNmNIP.Text) = "" And
cmbTunj.SelectedValue <> "" Then
    command.CommandText = "select
a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],
a.[kd_tunjangan],c.[nm_tunjangan],a.[tanggal_
aktif],a.[tanggal_nonaktif]
from
(((Tbl_Trans_Tunjangan] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[kd_tunjangan]=c.[kd_tunjangan]) where
a.[kd_tunjangan]='" & cmbTunj.SelectedValue
& "'"
Elseif Trim(txtNmNIP.Text) <> ""
And cmbTunj.SelectedValue <> "" Then
    command.CommandText = "select
a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],
a.[kd_tunjangan],c.[nm_tunjangan],a.[tanggal_
aktif],a.[tanggal_nonaktif]
from
(((Tbl_Trans_Tunjangan] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join
[Tbl_Tunjangan] c
on
a.[kd_tunjangan]=c.[kd_tunjangan]) where
(a.[NIP]='" & Trim(txtNmNIP.Text) & "' or
b.[Nama_Depan] like '%" &
Trim(txtNmNIP.Text) & "%'" or
b.[Nama_Belakang] like '%" &
Trim(txtNmNIP.Text) & "%'") and
a.[kd_tunjangan]='" & cmbTunj.SelectedValue
& "'"
End If
End If
Me.adapter.SelectCommand = command
Me.adapter.Fill(dataset,
"dsTbl_TransTunj")

If dataset.Tables(0).Rows.Count > 0 Then
    MainForm.btUpdateData.Enabled =
True
Else
    MainForm.btUpdateData.Enabled =
False

```

```

End If

MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("dsTbl_TransTunj")
tableGrid = "[Tbl_Trans_Tunjangan]"
command.Dispose()
conn.close()
End Sub

Private Sub FReportTransaksi_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Dim datasetTunj As New DataSet
    command = conn.open.CreateCommand
    command.CommandText = "select " as
[kd_tunjangan],'-Pilih Tunjangan-' as
[nm_tunjangan] from [Tbl_Tunjangan] union
select
a.[kd_tunjangan],b.[nm_tunjangan]
from
[Tbl_Trans_Tunjangan] a inner join
[Tbl_Tunjangan] b
on
a.[kd_tunjangan]=b.[kd_tunjangan]"
    adapter.SelectCommand = command
    adapter.Fill(datasetTunj, "refTunjangan")
    With cmbTunj
        .DataSource =
datasetTunj.Tables("refTunjangan")
        .DisplayMember = "nm_tunjangan"
        .ValueMember = "kd_tunjangan"
    End With
    conn.close()
    command.Dispose()

    ##### START: isi cmbIns
    Dim datasetIns As New DataSet
    command = conn.open.CreateCommand
    command.CommandText = "select " as
[kd_insentif],'-Pilih Insentif-' as [nm_insentif]
from [Tbl_Insentif] union select distinct
a.[kd_insentif],b.[nm_insentif]
from
[Tbl_Trans_Insentif] a inner join
[Tbl_Insentif] b
on
a.[kd_insentif]=b.[kd_insentif]"
    adapter.SelectCommand = command
    adapter.Fill(datasetTunj, "refInsentif")
    With cmbIns
        .DataSource =
datasetTunj.Tables("refInsentif")
        .DisplayMember = "nm_insentif"
        .ValueMember = "kd_insentif"
    End With
    conn.close()
    command.Dispose()
    ##### END: isi cmbIns

```

```

        cmbOpr.SelectedIndex = 0
    End Sub

    Private Sub DateTimePicker3_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dtpEndDate.ValueChanged

    End Sub

    Private Sub CheckBox2_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkAllInsGuru.CheckedChanged
        If chkAllInsGuru.Checked = True Then
            txtNmNIPIns.Enabled = False
            cmbIns.Enabled = False
            dtpStartDate.Enabled = False
            dtpEndDate.Enabled = False
        ElseIf chkAllInsGuru.Checked = False Then
            txtNmNIPIns.Enabled = True
            cmbIns.Enabled = True
            dtpStartDate.Enabled = True
            dtpEndDate.Enabled = True
        End If
    End Sub

    Private Sub BtSubmit2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles BtSubmit2.Click
        dataset.Clear()
        Me.command = conn.open.CreateCommand
        If chkAllInsGuru.Checked = True Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif])"
        ElseIf chkAllInsGuru.Checked = False Then
            If Trim(txtNmNIPIns.Text) = "" And cmbIns.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) <= 0 Then

```

```

                MsgBox("Tentukan kriteria pencarian dengan benar!", MsgBoxStyle.Critical, "Error")
            End Sub
        ElseIf Trim(txtNmNIPIns.Text) = "" And cmbIns.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where a.[tgl_insentif] between #" & dtpStartDate.Value.Date & "# and #" & dtpEndDate.Value.Date & "#"
            ' where a.[tgl_insentif] between #" & dtpstartdate.Value.Date & "# and #" & dtpEnddate.Value.Date & "#"
        ElseIf Trim(txtNmNIPIns.Text) = "" And cmbIns.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where a.[kd_insentif]=''" & cmbIns.SelectedValue & "'"
            ' where a.[kd_insentif]=''" & cmbIns.selectedValue & "'"
        ElseIf Trim(txtNmNIPIns.Text) = "" And cmbIns.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where

```



```

(a.[kd_insentif]=" & cmbIns.SelectedValue &
") and (a.[tgl_insentif] between #" &
dtpStartDate.Value.Date & "#" and #" &
dtpEndDate.Value.Date & "#)"
' where (a.[kd_insentif]=" &
cmbIns.selectedValue &
") and
(a.[tgl_insentif] between #" &
dtpstartdate.Value.Date & "#" and #" &
dtpEndddate.Value.Date & "#)
Elseif Trim(txtNmNIPIns.Text) <> ""
And cmbIns.SelectedValue = "" And
DateDiff(DateInterval.Day,
dtpStartDate.Value.Date,
dtpEndDate.Value.Date) <= 0 Then
command.CommandText = "select
a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan]
,b.[Nama_Belakang],a.[kd_insentif],c.[nm_ins
entif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.
[jml_gaji_insentif]
from
((Tbl_Trans_Insentif a inner join [Tbl_Guru]
b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif]
c on a.[kd_insentif]=c.[kd_insentif]) where
a.[NIP]=' & Trim(txtNmNIPIns.Text) & ' or
b.[Nama_Depan] like '%" &
Trim(txtNmNIPIns.Text) & "%' or
b.[Nama_Belakang] like '%" &
Trim(txtNmNIPIns.Text) & "%'"
' where a.[NIP]=' &
trim(txtNmNIPIns.text) & ' or
b.[Nama_Depan] like '%" &
trim(txtNmNIPIns.text) & "%' or
b.[Nama_Belakang] like '%" &
trim(txtNmNIPIns.text) & "%'
Elseif Trim(txtNmNIPIns.Text) <> ""
And cmbIns.SelectedValue = "" And
DateDiff(DateInterval.Day,
dtpStartDate.Value.Date,
dtpEndDate.Value.Date) > 0 Then
command.CommandText = "select
a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan]
,b.[Nama_Belakang],a.[kd_insentif],c.[nm_ins
entif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.
[jml_gaji_insentif]
from
((Tbl_Trans_Insentif a inner join [Tbl_Guru]
b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif]
c on a.[kd_insentif]=c.[kd_insentif]) where
(a.[NIP]=' & Trim(txtNmNIPIns.Text) & ' or
b.[Nama_Depan] like '%" &
Trim(txtNmNIPIns.Text) & "%' or
b.[Nama_Belakang] like '%" &
Trim(txtNmNIPIns.Text) & "%') and
(a.[tgl_insentif] between #" &
dtpStartDate.Value.Date & "#" and #" &
dtpEndDate.Value.Date & "#)"

```

```

' where (a.[NIP]=' &
trim(txtNmNIPIns.text) & ' or
b.[Nama_Depan] like '%" &
trim(txtNmNIPIns.text) & "%' or
b.[Nama_Belakang] like '%" &
trim(txtNmNIPIns.text) & "%') and
(a.[tgl_insentif] between #" &
dtpstartdate.Value.Date & "#" and #" &
dtpEndddate.Value.Date & "#)
Elseif Trim(txtNmNIPIns.Text) <> ""
And cmbIns.SelectedValue <> "" And
DateDiff(DateInterval.Day,
dtpStartDate.Value.Date,
dtpEndDate.Value.Date) <= 0 Then
command.CommandText = "select
a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan]
,b.[Nama_Belakang],a.[kd_insentif],c.[nm_ins
entif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.
[jml_gaji_insentif]
from
((Tbl_Trans_Insentif a inner join [Tbl_Guru]
b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif]
c on a.[kd_insentif]=c.[kd_insentif]) where
(a.[NIP]=' & Trim(txtNmNIPIns.Text) & ' or
b.[Nama_Depan] like '%" &
Trim(txtNmNIPIns.Text) & "%' or
b.[Nama_Belakang] like '%" &
Trim(txtNmNIPIns.Text) & "%') and
a.[kd_insentif]=' & cmbIns.SelectedValue &
'"
' where (a.[NIP]=' &
trim(txtNmNIPIns.text) & ' or
b.[Nama_Depan] like '%" &
trim(txtNmNIPIns.text) & "%' or
b.[Nama_Belakang] like '%" &
trim(txtNmNIPIns.text) & "%') and
a.[kd_insentif]=' & cmbIns.selectedValue &
'"
Elseif Trim(txtNmNIPIns.Text) <> ""
And cmbIns.SelectedValue <> "" And
DateDiff(DateInterval.Day,
dtpStartDate.Value.Date,
dtpEndDate.Value.Date) > 0 Then
command.CommandText = "select
a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan]
,b.[Nama_Belakang],a.[kd_insentif],c.[nm_ins
entif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.
[jml_gaji_insentif]
from
((Tbl_Trans_Insentif a inner join [Tbl_Guru]
b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif]
c on a.[kd_insentif]=c.[kd_insentif]) where
(a.[NIP]=' & Trim(txtNmNIPIns.Text) & ' or
b.[Nama_Depan] like '%" &
Trim(txtNmNIPIns.Text) & "%' or
b.[Nama_Belakang] like '%" &

```

```

Trim(txtNmNIPIns.Text) & "%') and
a.[kd_insentif]=''" & cmbIns.SelectedValue &
'"' and (a.[tgl_insentif] between #" &
dtpStartDate.Value.Date & "# and #" &
dtpEndDate.Value.Date & "#)"
        ' where (a.[NIP]=''" &
trim(txtNmNIPIns.Text) & "'" or
b.[Nama_Depan] like '%" &
trim(txtNmNIPIns.Text) & "%'" or
b.[Nama_Belakang] like '%" &
trim(txtNmNIPIns.Text) & "%') and
a.[kd_insentif]=''" & cmbIns.selectedValue &
'"' and (a.[tgl_insentif] between #" &
dtpstartdate.Value.Date & "# and #" &
dtpenddate.Value.Date & "#)
    End If
End If
adapter.SelectCommand = command
adapter.Fill(dataset, "ds_InsGuru")

If dataset.Tables(0).Rows.Count > 0 Then
    MainForm.btUpdateData.Enabled =
True
Else
    MainForm.btUpdateData.Enabled =
False
End If

MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("ds_InsGuru")
tableGrid = "[Tbl_Trans_Insentif]"
command.Dispose()
conn.close()
End Sub

Private Sub
CheckBox3_CheckedChanged(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
chkAllCashbon.CheckedChanged
    If chkAllCashbon.Checked = True Then
        txtNmNIPCash.Enabled = False
        cmbOpr.Enabled = False
        txtCashbon.Enabled = False
        dtpCashbonStart.Enabled = False
        dtpCashbonEnd.Enabled = False
    ElseIf chkAllCashbon.Checked = False
Then
        txtNmNIPCash.Enabled = True
        cmbOpr.Enabled = True
        txtCashbon.Enabled = True
        dtpCashbonStart.Enabled = True
        dtpCashbonEnd.Enabled = True
    End If

```

End Sub

```

Private Sub btSubmit3_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btSubmit3.Click
    dataset.Clear()
    command = conn.open.CreateCommand
    If chkAllCashbon.Checked = True Then
        command.CommandText = "select
a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N
ama_Belakang],a.[nm_cashbon],a.[tgl_cashbo
n],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP]"
    ElseIf chkAllCashbon.Checked = False
Then
        If Trim(txtNmNIPCash.Text) = "" And
Trim(txtCashbon.Text) = "" And
DateDiff(DateInterval.Day,
dtpCashbonStart.Value.Date,
dtpCashbonEnd.Value.Date) <= 0 Then
            MsgBox("Tentukan kriteria
pencarian dengan benar!",
MsgBoxStyle.Critical, "Error")
        Exit Sub
    ElseIf Trim(txtNmNIPCash.Text) = ""
And Trim(txtCashbon.Text) = "" And
DateDiff(DateInterval.Day,
dtpCashbonStart.Value.Date,
dtpCashbonEnd.Value.Date) > 0 Then
        command.CommandText = "select
a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N
ama_Belakang],a.[nm_cashbon],a.[tgl_cashbo
n],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP] where a.[tgl_cashbon]
between #" & dtpCashbonStart.Value.Date &
"# and #" & dtpCashbonEnd.Value.Date & "#"
' where a.[tgl_cashbon] between #"
& dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#
    ElseIf Trim(txtNmNIPCash.Text) = ""
And Trim(txtCashbon.Text) <> "" And
DateDiff(DateInterval.Day,
dtpCashbonStart.Value.Date,
dtpCashbonEnd.Value.Date) <= 0 Then
        command.CommandText = "select
a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N
ama_Belakang],a.[nm_cashbon],a.[tgl_cashbo
n],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP] where a.[jml_cashbon] " &
cmbOpr.Text & " " &
Int(Trim(txtCashbon.Text))

```

```

' where a.[jml_cashbon] " &
cmbOpr.text & " " &
int(trim(txtCashbon.text)) & "
Elseif Trim(txtNmNIPCash.Text) = ""
And Trim(txtCashbon.Text) <> "" And
DateDiff(DateInterval.Day,
dtpCashbonStart.Value.Date,
dtpCashbonEnd.Value.Date) > 0 Then
command.CommandText = "select
a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N
ama_Belakang],a.[nm_cashbon],a.[tgl_cashbo
n],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP] where (a.[jml_cashbon] " &
cmbOpr.Text & " " &
Int(Trim(txtCashbon.Text)) & " " &
(a.[tgl_cashbon] between #" &
dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#)"
' where (a.[jml_cashbon] " &
cmbOpr.text & " " &
int(trim(txtCashbon.text)) & " " &
(a.[tgl_cashbon] between #" &
dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#)
Elseif Trim(txtNmNIPCash.Text) <>
"" And Trim(txtCashbon.Text) = "" And
DateDiff(DateInterval.Day,
dtpCashbonStart.Value.Date,
dtpCashbonEnd.Value.Date) <= 0 Then
command.CommandText = "select
a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N
ama_Belakang],a.[nm_cashbon],a.[tgl_cashbo
n],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP] where (a.[NIP]='" &
Trim(txtNmNIPCash.Text) & "'" or
b.[Nama_Depan] like "%" &
Trim(txtNmNIPCash.Text) & "%'" or
b.[Nama_Belakang] like "%" &
Trim(txtNmNIPCash.Text) & "%')
' where (a.[NIP]='" &
trim(txtNmNIPCash.text) & "'" or
b.[Nama_Depan] like "%" &
trim(txtNmNIPCash.text) & "%'" or
b.[Nama_Belakang] like "%" &
trim(txtNmNIPCash.text) & "%')
Elseif Trim(txtNmNIPCash.Text) <>
"" And Trim(txtCashbon.Text) = "" And
DateDiff(DateInterval.Day,
dtpCashbonStart.Value.Date,
dtpCashbonEnd.Value.Date) > 0 Then
command.CommandText = "select
a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N

```

```

ama_Belakang],a.[nm_cashbon],a.[tgl_cashbo
n],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP] where (a.[NIP]='" &
Trim(txtNmNIPCash.Text) & "'" or
b.[Nama_Depan] like "%" &
Trim(txtNmNIPCash.Text) & "%'" or
b.[Nama_Belakang] like "%" &
Trim(txtNmNIPCash.Text) & "%') and
(a.[tgl_cashbon] between #" &
dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#)"
' where (a.[NIP]='" &
trim(txtNmNIPCash.text) & "'" or
b.[Nama_Depan] like "%" &
trim(txtNmNIPCash.text) & "%'" or
b.[Nama_Belakang] like "%" &
trim(txtNmNIPCash.text) & "%') and
(a.[tgl_cashbon] between #" &
dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#)
Elseif Trim(txtNmNIPCash.Text) <>
"" And Trim(txtCashbon.Text) <> "" And
DateDiff(DateInterval.Day,
dtpCashbonStart.Value.Date,
dtpCashbonEnd.Value.Date) <= 0 Then
command.CommandText = "select
a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N
ama_Belakang],a.[nm_cashbon],a.[tgl_cashbo
n],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP] where (a.[NIP]='" &
Trim(txtNmNIPCash.Text) & "'" or
b.[Nama_Depan] like "%" &
Trim(txtNmNIPCash.Text) & "%'" or
b.[Nama_Belakang] like "%" &
Trim(txtNmNIPCash.Text) & "%') and
(a.[jml_cashbon] " & cmbOpr.Text & " " &
Int(Trim(txtCashbon.Text)) & ")
' where (a.[NIP]='" &
trim(txtNmNIPCash.text) & "'" or
b.[Nama_Depan] like "%" &
trim(txtNmNIPCash.text) & "%'" or
b.[Nama_Belakang] like "%" &
trim(txtNmNIPCash.text) & "%') and
(a.[jml_cashbon] " & cmbOpr.text & " " &
int(trim(txtCashbon.text)) & ")
Elseif Trim(txtNmNIPCash.Text) <>
"" And Trim(txtCashbon.Text) <> "" And
DateDiff(DateInterval.Day,
dtpCashbonStart.Value.Date,
dtpCashbonEnd.Value.Date) > 0 Then
command.CommandText = "select
a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N

```

```

ama_Belakang],a.[nm_cashbon],a.[tgl_cashbon],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP] where (a.[NIP]='' &
Trim(txtNmNIPCash.Text) & "'" or
b.[Nama_Depan] like '%" &
Trim(txtNmNIPCash.Text) & "'" or
b.[Nama_Belakang] like '%" &
Trim(txtNmNIPCash.Text) & "%') and
(a.[jml_cashbon] " & cmbOpr.Text & " " &
Int(Trim(txtCashbon.Text)) & ") and
(a.[tgl_cashbon] between #" &
dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#)"
' where (a.[NIP]='' &
trim(txtNmNIPCash.text) & "'" or
b.[Nama_Depan] like '%" &
trim(txtNmNIPCash.text) & "'" or
b.[Nama_Belakang] like '%" &
trim(txtNmNIPCash.text) & "%') and
(a.[jml_cashbon] " & cmbOpr.text & " " &
int(trim(txtCashbon.text)) & ") and
(a.[tgl_cashbon] between #" &
dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#)
End If
End If
adapter.SelectCommand = command
adapter.Fill(dataset, "ds_CashbonGuru")

If dataset.Tables(0).Rows.Count > 0 Then
MainForm.btUpdateData.Enabled =
True
Else
MainForm.btUpdateData.Enabled =
False
End If

MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("ds_CashbonGuru")
tableGrid = "[Tbl_Cashbon]"
command.Dispose()
conn.close()
End Sub
End Class

```

Form Global Variable

```

Imports System.Data
Imports System.Data.OleDb
Public Class FGlobalVar
    Dim conn As New
AccessData.DatabaseConnection

```

```

Dim command As New OleDbCommand
Dim adapter As New OleDbDataAdapter
Dim reader As OleDbDataReader
Dim dataset As New DataSet

```

```

Private Sub btCancel_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
End Sub

```

```

Private Sub GroupBox1_Enter(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles GroupBox1.Enter

End Sub

```

```

Private Sub FGlobalVar_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Dim datasetGV As New DataSet
    conn.close()
    '##### START : Isi datacombo box
dengan nama global variable
    command = conn.open.CreateCommand
    command.CommandText = "select
[kd_global_var],[nm_global_var] from
[Tbl_Global_Var] order by [kd_global_var]"

```

```

    adapter.SelectCommand = command
    adapter.Fill(datasetGV, "dsGlobalVar")
    With cmbGV
        .DataSource =
datasetGV.Tables("dsGlobalVar")
        .DisplayMember = "nm_global_var"
        .ValueMember = "kd_global_var"
        .SelectedIndex = 0
    End With
    conn.close()
    command.Dispose()
    '##### END : Isi datacombo box dengan
nama global variable

```

```

    command = conn.open.CreateCommand
    command.CommandText = "select *
from [Tbl_Global_Var] where
[kd_global_var]='' & cmbGV.SelectedValue
& """"
    reader = command.ExecuteReader
    reader.Read()
    txtKdGV.Text = reader.Item(0)
    txtValGV.Text = reader.Item(2)

```

```

        conn.close()
        command.Dispose()
    End Sub

    Private Sub TextBox4_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtValGV.KeyPress
        Dim allowedChars As String = "0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1 Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub TextBox4_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtValGV.TextChanged

    End Sub

    Private Sub cmbGV_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles cmbGV.SelectedIndexChanged

    End Sub

    Private Sub cmbGV_SelectedValueChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles cmbGV.SelectedValueChanged

    End Sub

    Private Sub cmbGV_SelectionChangeCommitted(ByVal sender As Object, ByVal e As System.EventArgs) Handles cmbGV.SelectionChangeCommitted
        command = conn.open.CreateCommand
        command.CommandText = "select *
from [Tbl_Global_Var] where
[kd_global_var]=''" & cmbGV.SelectedValue & """"
        reader = command.ExecuteReader
        reader.Read()
        txtKdGV.Text = reader.Item(0)
    End Sub

```

```

        txtValGV.Text = reader.Item(2)

    If reader.Item(3) = paramGV(2) Then
        txtKdParam.ReadOnly = False
        txtKdParam.Text = reader.Item(3)
    Else
        txtKdParam.ReadOnly = True
        txtKdParam.Text = ""
    End If

    conn.close()
    command.Dispose()

    conn.close()
    command.Dispose()
End Sub

Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
    Dim conf
    Dim datasetParam As New DataSet
    datasetParam.Clear()
    conf = MsgBox("Global Variable " & cmbGV.Text & " akan diupate dan program harus direstart.", MsgBoxStyle.OkCancel, "Konfirmasi")
    If conf = vbOK Then
        If txtKdParam.ReadOnly = False Then
            '##### START: check eksistensi parameter Global Variable
            command =
            conn.open.CreateCommand
            command.CommandText = "select *
from [Tbl_Tunjangan] where
[kd_tunjangan]=''" & Trim(txtKdParam.Text) & "" and [periode_tunjangan]='Bulan'"

            adapter.SelectCommand = command
            adapter.Fill(datasetParam, "dsIfParamExist")

            Dim numRows
            numRows = datasetParam.Tables(0).Rows.Count

            conn.close()
            command.Dispose()

            command =
            conn.open.CreateCommand
            If numRows <= 0 Then

```

```

        MsgBox("Maaf, kode parameter "
& Trim(txtKdParam.Text) & " tidak valid",
MsgBoxStyle.Critical, "Error")
    Else
        command.CommandText =
"update [Tbl_Global_Var] set
[value_global_var]=" & txtValGV.Text &
",[parameter]=" & txtKdParam.Text & ""
where [kd_global_var]=" & txtKdGV.Text &
""

    End If

    '##### END: check eksistensi
parameter Global Variable
    ElseIf txtKdParam.ReadOnly = True
Then
        conn.close()
        command.Dispose()

        command =
conn.open.CreateCommand
        command.CommandText = "update
[Tbl_Global_Var] set [value_global_var]=" &
txtValGV.Text & " where [kd_global_var]="
& txtKdGV.Text & ""
    End If

    '##### START: eksekusi
    Try
        conn.open()

        command.ExecuteScalar()
        MsgBox("Operasi sukses",
MsgBoxStyle.Information, "Informasi")
        conn.close()
        command.Dispose()
        Me.Dispose()
        Me.Close()
        MsgBox("Program akan ditutup
secara otomatis", MsgBoxStyle.OkOnly,
"Information")
    End
    Catch ex As OleDbException
        MsgBox(ex.Message,
MsgBoxStyle.Critical, "OleDB Error")
    Catch ex As Exception
        MsgBox(ex.Message,
MsgBoxStyle.Critical, "General Error")
    End Try
    '##### END: eksekusi

    End If
End Sub
End Class

```

Form Slip Gaji

```

Imports
CrystalDecisions.CrystalReports.Engine
Imports CrystalDecisions.Shared
Imports System.Data
Imports System.Data.OleDb
Public Class FSlipGaji
    Dim conn As New
AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader

    Private Sub TextBox1_KeyPress(ByVal
sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs)
        Dim allowedChars As String =
"0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1
Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub TextBox1_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs)

    End Sub

    Private Sub Button2_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub Button1_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Dim bulanGaji As Integer
        Select Case cmbBulan.Text
            Case "Januari"
                bulanGaji = 1
            Case "Februari"
                bulanGaji = 2
            Case "Maret"
                bulanGaji = 3

```



```

Case "April"
    bulanGaji = 4
Case "Mei"
    bulanGaji = 5
Case "Juni"
    bulanGaji = 6
Case "Juli"
    bulanGaji = 7
Case "Agustus"
    bulanGaji = 8
Case "September"
    bulanGaji = 9
Case "Oktober"
    bulanGaji = 10
Case "November"
    bulanGaji = 11
Case "Desember"
    bulanGaji = 12
End Select

dataset.Clear()
If Trim(txtTahun.Text) = "" Then
    MsgBox("Isian 'Tahun' tidak boleh kosong, mohon diperiksa kembali", MsgBoxStyle.Critical, "Error")
Else
    command = conn.open.CreateCommand
    If chkShowAll.Checked = True Then
        command.CommandText = "select * from [Tbl_Slip_Gaji] order by [tgl_slip]"
    Elseif chkShowAll.Checked = False Then
        command.CommandText = "select * from [Tbl_Slip_Gaji] where month([tgl_slip])=" & bulanGaji & " and year([tgl_slip])=" & txtTahun.Text & " order by [tgl_slip]"
    End If

    Me.adapter.SelectCommand = command
    Me.adapter.Fill(dataset, "dsTbl_SlipGaji")

    MainForm.btUpdateData.Enabled = False

    MainForm.dgvDataBoard.DataSource = Me.dataset.Tables("dsTbl_SlipGaji")
    command.Dispose()
    conn.close()
    tableGrid = "[Tbl_Slip_Gaji]"

```

```

End If

End Sub

Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

End Sub

Private Sub FSlipGaji_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    cmbBulan.SelectedIndex = 0
    txtTahun.Text = System.DateTime.Today.Year
End Sub

Private Sub chkShowAll_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkShowAll.CheckedChanged
    If chkShowAll.Checked = True Then
        cmbBulan.Enabled = False
        txtTahun.Enabled = False
    Elseif chkShowAll.Checked = False Then
        cmbBulan.Enabled = True
        txtTahun.Enabled = True
    End If
End Sub

End Class

```