**LISTING PROGRAM**

**\*\*\*\* Login \*\*\*\***

Imports System.Data.Odbc

Public Class frmLogin

Private Sub frmLogin\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles Me.KeyPress

If Asc(e.KeyChar) = Keys.Enter Then

SendKeys.Send("{tab}")

End If

End Sub

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

Koneksi()

End Sub

Sub cekUser()

cmd = New OdbcCommand("Select \* from tbuser where user\_id='" & txtUser.Text & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If Not rd.HasRows Then

MsgBox("Maaf..., User Id Salah", MsgBoxStyle.Critical, "Perhatian...!")

txtUser.Text = ""

txtUser.Focus()

End If

End Sub

Sub cekPassword()

cmd = New OdbcCommand("Select \* from tbuser where user\_Id='" & txtUser.Text & "' and password=md5('" & txtPass.Text & "')", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

Me.Visible = False

frmMenuUtama.Show()

Else

MsgBox("Maaf..., Password Salah", MsgBoxStyle.Critical, "Perhatian...!")

txtPass.Text = ""

txtPass.Focus()

Exit Sub

End If

End Sub

Private Sub btnBatal\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnBatal.Click

Me.Close()

End Sub

Private Sub txtPass\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtPass.KeyPress

If e.KeyChar = Chr(13) Then

Call cekPassword()

End If

End Sub

Private Sub txtUser\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtUser.KeyPress

If e.KeyChar = Chr(13) Then

Call cekUser()

End If

If Char.IsLetterOrDigit(e.KeyChar) = False Then

If e.KeyChar = CChar(ChrW(Keys.Back)) Or \_

e.KeyChar = CChar(ChrW(Keys.Space)) Then

e.Handled = False

Else

e.Handled = True

End If

End If

End Sub

Private Sub txtUser\_MarginChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles txtUser.MarginChanged

End Sub

Private Sub txtUser\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtUser.TextChanged

txtUser.Text = StripNonAlphaNum(txtUser.Text)

End Sub

Private Sub btnOk\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnOk.Click

Call cekUser()

Call cekPassword()

End Sub

Private Sub txtPass\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtPass.TextChanged

End Sub

Private Sub Label3\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Label3.Click

End Sub

Private Sub Label4\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Label4.Click

End Sub

End Class

**\*\*\*\* Entry Data Kecamatan \*\*\*\***

Option Strict Off

Imports System.Data.Odbc

Public Class frmKecamatan

Dim valid As Boolean

Sub databaru()

txtNama.Text = ""

txtKab.Text = ""

txtNama.Focus()

End Sub

Sub kosongkan()

Call tidaksiapisi()

txtKode.Text = ""

txtNama.Text = ""

txtKab.Text = ""

txtKode.Enabled = True

txtKode.Focus()

End Sub

Sub siapisi()

txtNama.Enabled = True

txtKab.Enabled = True

btnEdit.Enabled = False

btnHapus.Enabled = False

btnSimpan.Enabled = True

End Sub

Sub tidaksiapisi()

txtNama.Enabled = False

txtKab.Enabled = False

btnSimpan.Enabled = False

btnHapus.Enabled = False

btnEdit.Enabled = False

End Sub

Sub TampilGrid()

da = New OdbcDataAdapter("Select kode\_kec,nama\_kec,kabupaten from tbkecamatan order by kode\_kec", Conn)

ds = New DataSet

ds.Clear()

da.Fill(ds, "tbkecamatan")

DGV.DataSource = (ds.Tables("tbkecamatan"))

DGV.ReadOnly = True

DGV.AllowUserToAddRows = False

DGV.Columns(0).Width = 90

DGV.Columns(1).Width = 170

DGV.Columns(2).Width = 160

DGV.GridColor = Color.Blue

DGV.DefaultCellStyle.ForeColor = Color.Blue

DGV.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(0).HeaderText = "Kode Kec"

DGV.Columns(1).HeaderText = "Nama Kecamatan"

DGV.Columns(2).HeaderText = "Kabupaten"

End Sub

Sub CekData()

cmd = New OdbcCommand("select \* from tbkecamatan where kode\_kec='" & txtKode.Text & "' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows = True Then

txtNama.Text = rd.Item("nama\_kec")

txtKab.Text = rd.Item("kabupaten")

Call tidaksiapisi()

btnEdit.Enabled = True

btnHapus.Enabled = True

txtKode.Enabled = False

Else

Call databaru()

Call siapisi()

End If

End Sub

Sub Validasi()

If txtKode.Text = "" Then

MsgBox("Kode Kec Belum diisi", , "Perhatian...!")

txtKode.Focus()

valid = False

Exit Sub

Else

valid = True

End If

If txtNama.Text = "" Then

MsgBox("Nama Kecamatan Belum diisi", , "Perhatian...!")

txtNama.Focus()

valid = False

Exit Sub

Else

valid = True

End If

If txtKab.Text = "" Then

MsgBox("Kabupaten Belum diisi", , "Perhatian...!")

txtKab.Focus()

valid = False

Exit Sub

Else

valid = True

End If

End Sub

Private Sub btnSimpan\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSimpan.Click

Call Validasi()

If valid = True Then

cmd = New OdbcCommand("Select \* from tbkecamatan where kode\_kec='" & txtKode.Text & "' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If Not rd.HasRows Then

Dim sqltambah As String = "Insert into tbkecamatan (kode\_kec,nama\_kec,kabupaten) values " & \_

"('" & txtKode.Text & "','" & txtNama.Text & "','" & txtKab.Text & "')"

cmd = New OdbcCommand(sqltambah, Conn)

Else

Dim sqledit As String = "Update tbkecamatan set " & \_

"nama\_kec='" & txtNama.Text & "', " & \_

"kabupaten='" & txtKab.Text & "' " & \_

" where kode\_kec='" & txtKode.Text & "'"

cmd = New OdbcCommand(sqledit, Conn)

End If

cmd.ExecuteNonQuery()

Call TampilGrid()

Call kosongkan()

End If

End Sub

Private Sub btnEdit\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEdit.Click

btnEdit.Enabled = False

btnHapus.Enabled = False

Call siapisi()

txtNama.Focus()

End Sub

Private Sub btnHapus\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnHapus.Click

cmd = New OdbcCommand("Select \* from tbpenilaian where kode\_kec='" & txtKode.Text & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

MsgBox("Maaf, Pemohon tersebut tidak dapat di Hapus...", , "Perhatian...!")

Else

If MessageBox.Show("Yakin akan dihapus..?", "Hapus Data", MessageBoxButtons.YesNo) = Windows.Forms.DialogResult.Yes Then

cmd = New OdbcCommand("Delete from tbkecamatan where kode\_kec='" & txtKode.Text & "' ", Conn)

cmd.ExecuteNonQuery()

End If

End If

Call TampilGrid()

Call kosongkan()

End Sub

Private Sub btnBatal\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnBatal.Click

Call kosongkan()

End Sub

Private Sub btnTutup\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnTutup.Click

Me.Dispose()

End Sub

Private Sub DGV\_CellDoubleClick(ByVal sender As Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DGV.CellDoubleClick

txtKode.Text = DGV.SelectedRows.Item(0).Cells(0).Value()

Call CekData()

End Sub

Private Sub frmtbPemohon\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles Me.KeyPress

If Asc(e.KeyChar) = Keys.Enter Then

SendKeys.Send("{tab}")

End If

End Sub

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

Call TampilGrid()

Call databaru()

Call tidaksiapisi()

Call kosongkan()

End Sub

Private Sub txtKode\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtKode.KeyPress

If e.KeyChar = Chr(13) Then

Call CekData()

End If

End Sub

Private Sub Label3\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Label3.Click

End Sub

Private Sub txtKode\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtKode.TextChanged

End Sub

End Class

**\*\*\*\* Laporan Penilaian\*\*\*\***

Imports System.Data.Odbc

Public Class FrmPenilaian

Dim rd2 As OdbcDataReader

Dim cKode\_Cr, cBltNilai As String

Dim baris As Byte

Dim strkode\_Kriteria() As String

Dim jmlKriteria As Integer = 0, jlhsubKriteria As Integer = 0

Sub databaru()

txtNama.Text = ""

txtKab.Text = ""

txtNama.Focus()

End Sub

Sub kosongkan()

Call tidaksiapisi()

txtKode.Text = ""

txtNama.Text = ""

txtKab.Text = ""

cboKriteria.Text = ""

txtNilai.Text = ""

txtKode.Enabled = True

txtKode.Focus()

End Sub

Sub siapisi()

txtNama.Enabled = True

txtKab.Enabled = True

btnHapus.Enabled = False

btnSimpan.Enabled = True

End Sub

Sub tidaksiapisi()

txtNama.Enabled = False

txtKab.Enabled = False

cboKriteria.Enabled = False

btnSimpan.Enabled = False

btnHapus.Enabled = False

End Sub

Sub TampilKriteria()

cboKriteria.Items.Clear()

cmd = New OdbcCommand("select distinct nama\_cr,kode\_cr from tbkriteria order by Kode\_cr", Conn)

rd = cmd.ExecuteReader

While rd.Read

cboKriteria.Items.Add(rd.Item(0))

End While

End Sub

Sub CekData()

cmd = New OdbcCommand("select \* from tbkecamatan where kode\_kec='" & txtKode.Text & "' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows = True Then

txtNama.Text = rd.Item("nama\_kec")

txtKab.Text = rd.Item("kabupaten")

Call tidaksiapisi()

btnHapus.Enabled = False

txtKode.Enabled = False

cboKriteria.Enabled = True

Else

MsgBox("Maaf, Kode Kecamatan tsb Belum ada", , "Perhatian...!")

txtKode.Focus()

End If

End Sub

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

Call databaru()

Call tidaksiapisi()

Call kosongkan()

Call TampilKriteria()

nudPeriode.Value = Year(Now)

End Sub

Private Sub btnTutup\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnTutup.Click

Me.Dispose()

End Sub

Private Sub txtId\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtKode.KeyPress

If e.KeyChar = Chr(13) Then

Call CekData()

End If

End Sub

Private Sub btnCari\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCari.Click

Dim tabel As New frmBantuan

cKodeBtn = ""

cNamaBtn = ""

sqlCari = "Select kode\_kec ,nama\_kec from tbkecamatan where nama\_kec like '%" & txtNama.Text & "%' order by kode\_kec"

sda = "tbkecamatan"

tabel.ShowDialog()

txtNama.Text = cNamaBtn

txtKode.Text = cKodeBtn

Call CekData()

End Sub

Private Sub btnBaru\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnBaru.Click

Call kosongkan()

DGV.Columns.Clear()

End Sub

Private Sub btnSimpan\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSimpan.Click

Dim terisi As Boolean = True

Dim nNilai\_maxmin As Single

Dim cJenis, cKet As String

cJenis = ""

cKet = ""

For j As Integer = 0 To DGV.RowCount - 1

If DGV.Item(2, j).Value = "" Then

terisi = False

End If

Next

If terisi Then

'simpan penilaian sub kriteria

For baris As Integer = 0 To DGV.Rows.Count - 1

cmd = New OdbcCommand("select \* from tbpenilaian\_sub where kode\_kec='" & txtKode.Text & "' " & \_

"and periode = '" & nudPeriode.Value & "' and kode\_sub = '" & DGV.Rows(baris).Cells(0).Value & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

cBltNilai = Replace(DGV.Rows(baris).Cells(2).Value, ",", ".")

If Not rd.HasRows Then

Dim sqlsimpan As String = "Insert into tbpenilaian\_sub (periode,kode\_kec,kode\_cr,kode\_sub,nilai) values " & \_

"('" & nudPeriode.Value & "','" & txtKode.Text & "','" & cKode\_Cr & "','" & DGV.Rows(baris).Cells(0).Value & "','" & cBltNilai & "')"

cmd = New OdbcCommand(sqlsimpan, Conn)

cmd.ExecuteNonQuery()

Else

Dim sqlupdate As String = "update tbpenilaian\_sub set nilai= '" & cBltNilai & "' where kode\_kec='" & txtKode.Text & "' " & \_

"and periode = '" & nudPeriode.Value & "' and kode\_sub = '" & DGV.Rows(baris).Cells(0).Value & "' "

cmd = New OdbcCommand(sqlupdate, Conn)

cmd.ExecuteNonQuery()

End If

Next baris

rd.Close()

'Cari Nilai Kriteria Maximal

cmd = New OdbcCommand("select nilai\_max\_min,jenis\_cr from tbkriteria where kode\_cr = '" & cKode\_Cr & "'", Conn)

rd2 = cmd.ExecuteReader

rd2.Read()

If rd2.HasRows = True Then

nNilai\_maxmin = rd2.Item(0)

cJenis = rd2.Item(1)

End If

'Menentukan Layak atau tidak

If cJenis = "B" Then

If Val(txtNilai.Text) > nNilai\_maxmin Then

cKet = "Tahan Pangan"

Else

cKet = "Tdk Tahan Pangan"

End If

Else

If Val(txtNilai.Text) > nNilai\_maxmin Then

cKet = "Tahan Pangan"

Else

cKet = "Tdk Tahan Pangan"

End If

End If

rd2.Close()

'simpan ke tabel penilaian

For baris As Integer = 0 To DGV.Rows.Count - 1

cmd = New OdbcCommand("select \* from tbpenilaian where kode\_kec='" & txtKode.Text & "' " & \_

"and periode = '" & nudPeriode.Value & "' and kode\_cr = '" & cKode\_Cr & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

cBltNilai = Replace(txtNilai.Text, ",", ".")

If Not rd.HasRows Then

Dim sqlsimpan As String = "Insert into tbpenilaian (periode,kode\_kec,kode\_cr,nilai,Ket) values " & \_

"('" & nudPeriode.Value & "','" & txtKode.Text & "','" & cKode\_Cr & "','" & cBltNilai & "','" & cKet & "')"

cmd = New OdbcCommand(sqlsimpan, Conn)

cmd.ExecuteNonQuery()

Else

Dim sqlupdate As String = "update tbpenilaian set nilai= '" & cBltNilai & "',ket= '" & cKet & "' where kode\_kec='" & txtKode.Text & "' " & \_

"and periode = '" & nudPeriode.Value & "' and kode\_cr = '" & cKode\_Cr & "' "

cmd = New OdbcCommand(sqlupdate, Conn)

cmd.ExecuteNonQuery()

End If

Next baris

rd.Close()

Call TampilHasilPenilaian()

' MsgBox("Data Tersimpan")

btnSimpan.Enabled = False

Else

MsgBox("Data belum terisi semua!")

btnSimpan.Enabled = True

End If

btnHapus.Enabled = True

End Sub

Private Sub DGV2\_CellDoubleClick(ByVal sender As Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DGV2.CellDoubleClick

txtKode.Text = DGV2.SelectedRows.Item(0).Cells(0).Value()

Call CekData()

DGV.Columns.Clear()

cboKriteria.Text = ""

txtNilai.Text = ""

End Sub

Private Sub btnHapus\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnHapus.Click

cmd = New OdbcCommand("select \* from tbmatriks\_ry where kode\_kec='" & txtKode.Text & "' " & \_

"and periode = '" & nudPeriode.Value & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

MsgBox("Maaf, Penilaian tersebut, tidak dapat dihapus", , "Perhatian...!")

Else

If MessageBox.Show("Yakin akan dihapus..?", "Hapus Data", MessageBoxButtons.YesNo) = Windows.Forms.DialogResult.Yes Then

cmd = New OdbcCommand("Delete from tbpenilaian\_sub where kode\_kec='" & txtKode.Text & "' and " & \_

"periode = '" & nudPeriode.Value & "' and kode\_cr = '" & cKode\_Cr & "'", Conn)

cmd.ExecuteNonQuery()

cmd = New OdbcCommand("Delete from tbpenilaian where kode\_kec='" & txtKode.Text & "' and " & \_

"periode = '" & nudPeriode.Value & "' and kode\_cr = '" & cKode\_Cr & "'", Conn)

cmd.ExecuteNonQuery()

DGV.Columns.Clear()

txtNilai.Text = ""

End If

End If

' Call kosongkan()

Call TampilHasilPenilaian()

btnHapus.Enabled = False

btnSimpan.Enabled = False

End Sub

Sub TampilHasilPenilaian()

DGV2.ReadOnly = True

DGV2.AllowUserToAddRows = False

DGV2.Columns.Clear()

DGV2.Rows.Clear()

DGV2.Columns.Add("kode", "Kode Kec")

DGV2.Columns.Add("kode", "Nama Kecamatan")

DGV2.Columns.Add("kode", "Kabupaten")

Dim lstkode\_Kriteria As New List(Of String)

Dim cNilai As String = ""

Dim sql As String = "Select nama\_cr,kode\_cr from tbkriteria order by kode\_cr"

Dim cmd As New OdbcCommand(sql, Conn)

Dim rd As OdbcDataReader = cmd.ExecuteReader

While rd.Read

DGV2.Columns.Add(rd(1), rd(1))

lstkode\_Kriteria.Add(rd(1))

End While

strkode\_Kriteria = lstkode\_Kriteria.ToArray

jmlKriteria = lstkode\_Kriteria.Count

rd.Close()

sql = "select a.kode\_kec,b.nama\_kec,b.Kabupaten from tbpenilaian a, tbkecamatan b " & \_

"where a.kode\_kec=b.kode\_kec and a.periode = '" & nudPeriode.Value & "' group by a.kode\_kec order by a.kode\_kec "

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

Dim i As Integer = 0

While rd.Read

DGV2.Rows.Add()

DGV2.Item(0, i).Value = rd(0)

DGV2.Item(1, i).Value = rd(1)

DGV2.Item(2, i).Value = rd(2)

i += 1

End While

rd.Close()

sql = "select \* from tbpenilaian where periode = '" & nudPeriode.Value & "' "

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

If rd.HasRows Then

rd.Close()

For j As Integer = 0 To DGV2.RowCount - 1

sql = "select kode\_cr from tbpenilaian where kode\_kec='" & DGV2.Item(0, j).Value & "'"

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

i = 0

While rd.Read

cmd = New OdbcCommand("select nilai from tbpenilaian where kode\_cr='" & rd(0) & "' and `kode\_kec`='" & DGV2.Item(0, j).Value & "' ", Conn)

rd2 = cmd.ExecuteReader

rd2.Read()

If rd2.HasRows = True Then

cNilai = rd2.Item(0)

End If

DGV2.Item(i + 3, j).Value = cNilai

i += 1

End While

' j += 1

rd.Close()

Next

Else

rd.Close()

End If

For Each col As DataGridViewColumn In DGV2.Columns

col.SortMode = DataGridViewColumnSortMode.Programmatic

Next

DGV2.Columns(0).Width = 90

DGV2.Columns(1).Width = 170

DGV2.Columns(2).Width = 150

DGV2.GridColor = Color.Blue

DGV2.DefaultCellStyle.ForeColor = Color.Blue

DGV2.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV2.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV2.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV2.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV2.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV2.Columns(3).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV2.Columns(4).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

'DGV2.Columns(5).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

For j As Integer = 3 To jmlKriteria + 2

DGV2.Columns(j).Width = 70

DGV2.Columns(j).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

Next

End Sub

Sub TampilPenilaian()

DGV.Columns.Clear()

DGV.Columns.Add("kode", "Kode Sub")

DGV.Columns.Add("kode", "Sub Kriteria")

DGV.Columns.Add("kode", "Penilaian")

Dim lstkode\_Kriteria As New List(Of String)

Dim cNilai As String = ""

Dim sql As String = "Select nama\_subcr,kode\_sub from tbsubkriteria where kode\_cr = '" & cKode\_Cr & "' order by kode\_sub"

Dim cmd As New OdbcCommand(sql, Conn)

Dim rd As OdbcDataReader = cmd.ExecuteReader

While rd.Read

lstkode\_Kriteria.Add(rd(1))

End While

strkode\_Kriteria = lstkode\_Kriteria.ToArray

rd.Close()

sql = "select Kode\_sub,nama\_subCr from tbsubkriteria where kode\_cr = '" & cKode\_Cr & "' order by kode\_sub "

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

Dim i As Integer = 0

While rd.Read

DGV.Rows.Add()

DGV.Item(0, i).Value = rd(0)

DGV.Item(1, i).Value = rd(1)

i += 1

End While

rd.Close()

sql = "select \* from tbpenilaian\_sub where kode\_kec='" & txtKode.Text & "' and periode = '" & nudPeriode.Value & "' and kode\_cr = '" & cKode\_Cr & "'"

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

If rd.HasRows Then

rd.Close()

For j As Integer = 0 To DGV.RowCount - 2

sql = "select kode\_sub from tbpenilaian\_sub where kode\_kec='" & txtKode.Text & "' and kode\_cr = '" & cKode\_Cr & "'"

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

i = 0

While rd.Read

cmd = New OdbcCommand("select nilai from tbpenilaian\_sub where kode\_sub='" & rd(0) & "' and `kode\_kec`='" & txtKode.Text & "' and kode\_cr = '" & cKode\_Cr & "'", Conn)

rd2 = cmd.ExecuteReader

rd2.Read()

If rd2.HasRows = True Then

cNilai = rd2.Item(0)

End If

DGV.Item(2, i).Value = cNilai

i += 1

End While

rd.Close()

Next

Else

rd.Close()

End If

For Each col As DataGridViewColumn In DGV.Columns

col.SortMode = DataGridViewColumnSortMode.Programmatic

Next

DGV.AllowUserToAddRows = False

DGV.Columns(0).Width = 60

DGV.Columns(1).Width = 242

DGV.Columns(2).Width = 90

DGV.Columns(0).ReadOnly = True

DGV.Columns(1).ReadOnly = True

DGV.GridColor = Color.Blue

DGV.DefaultCellStyle.ForeColor = Color.Blue

DGV.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(2).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Focus()

DGV.CurrentCell = DGV.Rows(0).Cells(2)

If txtKode.Text <> "" And cboKriteria.Text <> "" Then btnHapus.Enabled = True

End Sub

Private Sub txtId\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtKode.TextChanged

End Sub

Private Sub cboKriteria\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles cboKriteria.KeyPress

e.Handled = True

End Sub

Private Sub cboKriteria\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles cboKriteria.SelectedIndexChanged

Dim rs As OdbcDataReader

Dim cmd As OdbcCommand

DGV.Columns.Clear()

cmd = New OdbcCommand("Select \* from tbkriteria where nama\_cr='" & cboKriteria.Text & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

cKode\_Cr = rd.Item(0)

cmd = New OdbcCommand("select count(\*) from `tbsubkriteria` where kode\_cr = '" & cKode\_Cr & "' order by `kode\_cr` asc", Conn)

rs = cmd.ExecuteReader

rs.Read()

jlhsubKriteria = rs.Item(0)

If jlhsubKriteria = 0 Then

btnSimpan.Enabled = False

btnHapus.Enabled = False

txtNilai.Text = ""

MsgBox("Data sub Kriteria belum Ada, Silahkan isi dulu..!")

Exit Sub

Else

Call TampilPenilaian()

Call HitungNilaiSub()

btnSimpan.Enabled = True

End If

End If

Call TampilHasilPenilaian()

End Sub

Private Sub DGV\_CellEndEdit(ByVal sender As Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DGV.CellEndEdit

Call HitungNilaiSub()

End Sub

Sub HitungNilaiSub()

Dim jlh As Double = 0

For j = 0 To jlhsubKriteria - 1

jlh += Val(DGV.Item(2, j).Value)

Next

txtNilai.Text = jlh

End Sub

Private Sub nudPeriode\_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles nudPeriode.ValueChanged

Call TampilHasilPenilaian()

End Sub

Private Sub dgv\_EditingControlShowing(ByVal sender As Object, ByVal e As System.Windows.Forms.DataGridViewEditingControlShowingEventArgs) Handles DGV.EditingControlShowing

If e.Control.GetType.ToString() = "System.Windows.Forms.DataGridViewTextBoxEditingControl" Then

Dim c As DataGridViewTextBoxEditingControl = CType(e.Control, DataGridViewTextBoxEditingControl)

RemoveHandler c.KeyPress, AddressOf GridViewTextBox\_KeyPress

AddHandler c.KeyPress, AddressOf GridViewTextBox\_KeyPress

End If

End Sub

Private Sub GridViewTextBox\_KeyPress(ByVal sender As Object, ByVal ex As KeyPressEventArgs)

If DGV.CurrentCell.ColumnIndex = 2 Then

If ((Asc(ex.KeyChar) < 48 Or Asc(ex.KeyChar) > 57) And Asc(ex.KeyChar) <> 8) Then

ex.Handled = True

End If

End If

End Sub

End Class