**LISTING PROGRAM**

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

Option Explicit

Dim rsDataUser As ADODB.Recordset

Dim lPeriksa As Boolean

Private Sub cmdbatal\_Click()

End

End Sub

Private Sub cmdLogin\_Click()

If Trim(txtPass.Text) = "" And Trim(txtUser.Text) <> "" Then

MsgBox "Maaf, Password belum di Isi...!", vbCritical, "Peringatan"

Exit Sub

End If

If lPeriksa = True Then

If xPass = Trim(txtPass.Text) Then

frmMenu.Show

frmMenu.stsBar.Panels(2).Text = "User : " & Trim(rsDataUser.Fields("UserName"))

Unload Me

Else

MsgBox "Maaf, Password salah...!", vbCritical, "Peringatan"

txtPass.Text = ""

txtPass.SetFocus

Exit Sub

End If

End If

End Sub

Private Sub Form\_Load()

Call OpenDatabase

cmdLogin.Enabled = False

End Sub

Private Sub txtuser\_LostFocus()

If Trim(txtUser.Text) = "" Then

Exit Sub

End If

Set rsDataUser = New ADODB.Recordset

'cari data DataUser bdasarakan tdbtex1

rsDataUser.Open "Select \* From DataUser Where UserId = '" & txtUser.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsDataUser.RecordCount > 0 Then 'jika ketemu

xPass = DecryptPass(rsDataUser.Fields("UserPassword"))

cmdLogin.Enabled = True

lPeriksa = True

Else

MsgBox "Maaf, User Id Tidak Dikenal...!", vbCritical, "Peringatan"

txtUser.Text = ""

txtUser.SetFocus

lPeriksa = False

Exit Sub

End If

End Sub

Private Sub txtPass\_LostFocus()

cmdLogin\_Click

End Sub

**\*\*\*\* Entry Data Mahasiswa \*\*\*\***

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsMahasiswa As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Private Sub cmdBaru\_Click()

isi\_DataBaru

TidakSiapisi

txtKode.Enabled = True

txtKode.SetFocus

End Sub

Private Sub CmdHapus\_Click()

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Penilaian Where Kode\_Kel = " & Str(txtKode.Text) & "", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

MsgBox "Maaf Data Mahasiswa Tidak Dapat Dihapus...!", vbCritical, "Peringatan"

Else

Set rsMahasiswa = New ADODB.Recordset

rsMahasiswa.Open "Select \* From Mahasiswa Where Kode\_Kel = '" & txtKode.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsMahasiswa.RecordCount > 0 Then

If MsgBox("Yakin Anda Ingin Hapus ???", vbYesNo + vbQuestion + vbDefaultButton2, "Konfirmasi") = vbYes Then

KoneksiDb.Execute "delete from Mahasiswa where Kode\_Mahs = '" & txtKode.Text & "'"

End If

End If

End If

cmdBaru\_Click

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub CmdTambah\_Click()

Dim mSql As String

If Trim(txtNama.Text) = "" Then

MsgBox "Nama\_Mahasiswa belum diisi...!", vbCritical, "Peringatan"

txtNama.SetFocus

Exit Sub

End If

If txtKec.Text = Empty Then

MsgBox " belum diisi...!", vbCritical, "Peringatan"

txtKec.SetFocus

Exit Sub

End If

If txtKab.Text = Empty Then

MsgBox "Mahasiswa/Kriteria belum diisi...!", vbCritical, "Peringatan"

txtKab.SetFocus

Exit Sub

End If

Set rsMahasiswa = New ADODB.Recordset

rsMahasiswa.Open "Select \* From Mahasiswa Where Kode\_Kel = '" & txtKode.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsMahasiswa.RecordCount = 0 Then

mSql = "INSERT INTO Mahasiswa(Kode\_Kel,Nama\_Kel,K,Kab\_Kota) " & \_

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

Else

mSql = "UPDATE Kelurahan SET Nama\_Kel = '" & txtNama.Text & "'," & \_

"Kecamatan = '" & txtKec.Text & "', " & \_

"Kab\_Kota = '" & txtKab.Text & "' " & \_

"WHERE Kode\_Kel = '" & txtKode.Text & "'"

End If

Set rsKelurahan = New ADODB.Recordset

Debug.Print mSql

rsKelurahan.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

cmdBaru\_Click

End Sub

Private Sub cmdUbah\_Click()

CmdTambah\_Click

End Sub

Private Sub Form\_Load()

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

End Sub

Private Sub Grid\_DblClick()

On Error Resume Next

txtKode.Text = Grid.Columns(0)

txtKode.Enabled = True

txtKode\_LostFocus

End Sub

Private Sub Grid\_OnInit() 'utk merapikan kolom grid

Grid.Columns("Kode\_Kel").Caption = "Kode\_Kel"

Grid.Columns("Kode\_Kel").Width = 1200

Grid.Columns("Kode\_Kel").Alignment = dbgCenter

Grid.Columns("Nama\_Kel").Caption = "Nama\_Kel "

Grid.Columns("Nama\_Kel").Width = 2500

Grid.Columns("Kecamatan").Caption = "Kecamatan"

Grid.Columns("Kecamatan").Width = 1500

'Grid.Columns("Kecamatan").Alignment = dbgCenter

Grid.HoldFields 'agar kolom tetap sperti smula

Grid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid.EmptyRows = True 'agar baris keliatan full

Grid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid.EvenRowStyle.BackColor = vbYellow

Grid.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr grid

Grid.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr grid

Grid.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub txtKode\_LostFocus() 'utk cek isi tdbtext1 saat meninggalkan tdbtext1

If Trim(txtKode.Text) = "" Then

Exit Sub

End If

Set rsKelurahan = New ADODB.Recordset

rsKelurahan.Open "Select \* From Kelurahan Where Kode\_Kel = '" & txtKode.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKelurahan.RecordCount > 0 Then

tampilkan\_Data

SiapIsi

cmdUbah.Enabled = True

CmdTambah.Enabled = False

CmdHapus.Enabled = True

txtKode.Enabled = False

Else

isi\_DataBaru

SiapIsi

txtNama.SetFocus

CmdTambah.Enabled = True

End If

End Sub

Private Sub tampilkan\_Data()

txtNama.Text = rsKelurahan.Fields("Nama\_Kel")

txtKec.Text = rsKelurahan.Fields("Kecamatan")

txtKab.Text = rsKelurahan.Fields("Kab\_Kota")

End Sub

Private Sub isi\_DataBaru()

txtNama.Text = ""

txtKec.Text = ""

txtKab.Text = ""

CmdTambah.Caption = "&Simpan"

Isi\_DataGrid

CmdHapus.Enabled = False

cmdUbah.Enabled = False

End Sub

Private Sub TidakSiapisi()

CmdHapus.Enabled = False

cmdUbah.Enabled = False

CmdTambah.Enabled = False

txtNama.Enabled = False

txtKec.Enabled = False

txtKab.Enabled = False

End Sub

Private Sub SiapIsi()

txtNama.Enabled = True

txtKec.Enabled = True

txtKab.Enabled = True

End Sub

Private Sub Isi\_DataGrid()

Set rsKelurahan = New ADODB.Recordset

rsKelurahan.Open "Select \* From Kelurahan order by Kode\_Kel", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsKelurahan

End Sub

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

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsKelurahan As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsPenilaian As ADODB.Recordset

Dim rsKriteria As ADODB.Recordset

Dim rsSubKriteria1 As ADODB.Recordset

Dim rsCek As ADODB.Recordset

Public Ada As Boolean

Public Sql As String

Dim cKode\_Kel, cKode\_Cr As String

Dim nRecord, nRecordNilai As Byte

Dim nMin, nMax As String

Private Sub cboKriteria\_Validate(Cancel As Boolean)

cboKriteria\_ItemChange

End Sub

Private Sub cmdBaru\_Click()

KoneksiDb.Execute "delete from Penilaian\_Sem "

Set DataGrid.DataSource = Nothing

isi\_DataBaru

TidakSiapisi

cboKel.Enabled = True

txtSkor.Text = ""

cboKriteria.Text = ""

cKode\_Cr = ""

cboKel.SetFocus

End Sub

Private Sub cboKriteria\_ItemChange()

If Trim(cboKriteria.Text) = cboKriteria.Columns(0) Then

cKode\_Cr = cboKriteria.Columns(1)

Tampildata

IsiNilaiSubKriteria

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where Kode\_CR = '" & cKode\_Cr & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

nMin = rsKriteria.Fields("Skor\_Min")

nMax = rsKriteria.Fields("Skor\_Max")

End If

End If

End Sub

Private Sub CmdHapus\_Click()

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select \* From Matriks\_Y Where " & \_

"Kode\_Kel ='" & cKode\_Kel & "' and Periode ='" & txtThn.Text & "' ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsSubKriteria.RecordCount > 0 Then

MsgBox "Maaf Data Penilaian tsb Tidak Dapat Dihapus...!", vbCritical, "Peringatan"

Else

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Penilaian Where Kode\_Cr ='" & cKode\_Cr & "' and " & \_

"Kode\_Kel ='" & cKode\_Kel & "' and Periode ='" & txtThn.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

If MsgBox("Yakin Anda Ingin Hapus ???", vbYesNo + vbQuestion + vbDefaultButton2, "Konfirmasi") = vbYes Then

KoneksiDb.Execute "delete from Penilaian where Kode\_Cr ='" & cKode\_Cr & "' and " & \_

"Kode\_Kel ='" & cKode\_Kel & "' and Periode ='" & txtThn.Text & "'"

End If

End If

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Penilaian\_Sub Where Kode\_Cr ='" & cKode\_Cr & "' and " & \_

"Kode\_Kel ='" & cKode\_Kel & "' and Periode ='" & txtThn.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

KoneksiDb.Execute "delete from Penilaian\_Sub where Kode\_Cr ='" & cKode\_Cr & "' and " & \_

"Kode\_Kel ='" & cKode\_Kel & "' and Periode ='" & txtThn.Text & "'"

End If

End If

Grid.AllowUpdate = True

Isi\_DataGrid

Grid\_OnInit

cmdBaru\_Click

End Sub

Private Sub cmdSelesai\_Click()

KoneksiDb.Execute "delete from Penilaian\_Sem "

Set DataGrid.DataSource = Nothing

Unload Me

End Sub

Private Sub CmdTambah\_Click()

SimpanNilaiSub

Set rsPenilaian = New ADODB.Recordset

rsPenilaian.Open "Select \* From Penilaian Where Kode\_Kel ='" & cKode\_Kel & "' and Periode ='" & txtThn.Text & "' " & \_

" and Kode\_Cr = '" & cKode\_Cr & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If Len(cKode\_Cr) = 2 Then

nIdx = Right(cKode\_Cr, 1)

ElseIf Len(cKode\_Cr) = 3 Then

nIdx = Right(cKode\_Cr, 2)

ElseIf Len(cKode\_Cr) = 4 Then

nIdx = Right(cKode\_Cr, 3)

End If

If rsPenilaian.RecordCount = 0 Then

mSql = "INSERT INTO Penilaian(Periode,Kode\_Kel,Kode\_Cr,Nilai,Indeks) " & \_

"Values('" & txtThn.Text & "','" & cKode\_Kel & "','" & cKode\_Cr & "'," & txtSkor.Value & "," & nIdx & ")"

Else

mSql = "UPDATE Penilaian SET Nilai = " & txtSkor.Value & ",Indeks = " & nIdx & " " & \_

"WHERE Kode\_Kel = '" & cKode\_Kel & "' and Periode ='" & txtThn.Text & "' and Kode\_Cr = '" & cKode\_Cr & "'"

End If

Set rsPenilaian = New ADODB.Recordset

Debug.Print mSql

rsPenilaian.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

Grid.AllowUpdate = True

Isi\_DataGrid

Grid\_OnInit

CmdTambah.Enabled = False

txtSkor.Text = ""

End Sub

Private Sub DataGrid\_AfterUpdate()

On Error Resume Next

Set Rscari = Nothing

Set Rscari = New ADODB.Recordset

Rscari.Open "Select sum(Nilai) as jml From Penilaian\_Sem where Kode\_Cr = '" & cKode\_Cr & "'", KoneksiDb

txtSkor.Value = Rscari!Jml

If (DataGrid.Columns(2) >= Val(nMin)) And (DataGrid.Columns(2) <= Val(nMax)) Then

Exit Sub

Else

MsgBox "Maaf Nilai Range " + Str(nMin) + " s/d " + Str(nMax), vbCritical, "Peringatan"

DataGrid.Columns(2) = 0

DataGrid.Col = 2

DataGrid.SetFocus

Exit Sub

End If

End Sub

Private Sub DataGrid\_KeyPress(KeyAscii As Integer)

If DataGrid.Col = 2 Then

If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or \_

KeyAscii = vbKeyBack Or KeyAscii = vbKeyReturn) Then

KeyAscii = 0

End If

End If

End Sub

Private Sub Form\_Load()

txtThn.Text = Year(Date)

UpDown1.Value = Year(Date)

cboKel.Columns(1).Visible = False

Set rsKelurahan = New ADODB.Recordset

rsKelurahan.Open "Select Nama\_Kel, Kode\_Kel FROM Kelurahan order by Kode\_Kel ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboKel.DataSource = rsKelurahan

Set cboKel.RowSource = rsKelurahan

cboKel.Columns(0).Caption = "Nama Kelurahan"

cboKel.Columns(0).Width = 2500

cboKel.Columns(1).Caption = "Kode\_Kel"

cboKel.Columns(1).Width = 1000

cKode\_Cr = ""

cboKriteria.Columns(1).Visible = False

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select Nama\_Cr, Kode\_Cr FROM Kriteria order by Indeks ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboKriteria.DataSource = rsKriteria

Set cboKriteria.RowSource = rsKriteria

cboKriteria.Columns(0).Caption = "Nama Kriteria"

cboKriteria.Columns(0).Width = 2500

cboKriteria.Columns(1).Caption = "Kode\_Cr"

cboKriteria.Columns(1).Width = 1000

nRecord = rsKriteria.RecordCount

Set rsNilai = New ADODB.Recordset

rsNilai.Open "select Kode\_Cr from Penilaian Where Periode ='" & txtThn.Text & "' group by Kode\_Cr", KoneksiDb, adOpenStatic, adLockOptimistic

nRecordNilai = rsNilai.RecordCount

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

End Sub

Private Sub Grid\_OnInit() 'utk merapikan kolom grid

Dim cKode(30) As String

On Error Resume Next

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria order by Indeks", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

rsKriteria.MoveFirst

A = 0

Do While Not rsKriteria.EOF

cKode(A) = rsKriteria.Fields("Kode\_Cr")

rsKriteria.MoveNext

A = A + 1

Loop

End If

Grid.Columns("Kode\_Kel").Caption = "Kode\_Kel"

Grid.Columns("Kode\_Kel").Width = 2000

Grid.Columns("Kode\_Kel").Alignment = dbgCenter

Grid.Columns("Nama\_Kel").Caption = "Nama Kelurahan"

Grid.Columns("Nama\_Kel").Width = 2500

Grid.Columns("Kecamatan").Caption = "Kecamatan"

Grid.Columns("Kecamatan").Width = 2000

If nRecord > nRecordNilai Then nRecord = nRecordNilai

For A = 0 To nRecord - 1

cKolom = "Nilai\_" & cKode(A)

Grid.Columns("" & cKolom & "").Caption = "" & cKolom & ""

Grid.Columns("" & cKolom & "").Width = 800

'Grid.Columns("" & cKolom & "").NumberFormat = "0.###0"

Grid.Columns("" & cKolom & "").Alignment = dbgCenter

Next A

'Grid.HoldFields 'agar kolom tetap sperti smula

Grid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid.EmptyRows = True 'agar baris keliatan full

Grid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid.EvenRowStyle.BackColor = vbYellow

Grid.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr grid

Grid.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr grid

Grid.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub isi\_DataBaru()

txtKec.Text = ""

txtKab.Text = ""

cboKriteria.Text = ""

CmdTambah.Caption = "&Simpan"

Isi\_DataGrid

End Sub

Private Sub TidakSiapisi()

CmdTambah.Enabled = False

txtKec.Enabled = False

txtKab.Enabled = False

CmdHapus.Enabled = False

End Sub

Private Sub Isi\_DataGrid()

Set rsNilai = New ADODB.Recordset

rsNilai.Open "select Kode\_Cr from Penilaian group by Kode\_Cr", KoneksiDb, adOpenStatic, adLockOptimistic

If rsNilai.RecordCount > 0 Then

rsNilai.MoveFirst

Do Until rsNilai.EOF

If rsNilai.AbsolutePosition < rsNilai.RecordCount Then

Var = Var + "sum(CASE Kode\_Cr WHEN '" & rsNilai![Kode\_Cr] & "' THEN Nilai ELSE 0 END) AS Nilai\_" & rsNilai![Kode\_Cr] & ","

Else

Var = Var + "sum(CASE Kode\_Cr WHEN '" & rsNilai![Kode\_Cr] & "' THEN Nilai ELSE 0 END) AS Nilai\_" & rsNilai![Kode\_Cr]

End If

rsNilai.MoveNext

Loop

If rsNilai.State = 1 Then rsNilai.Close

rsNilai.Open "select A.Kode\_Kel,B.Nama\_Kel,B.Kecamatan," + Var + " from Penilaian A,Kelurahan B where A.Kode\_Kel=B.Kode\_Kel " & \_

"and Periode ='" & txtThn.Text & "' group by A.Kode\_Kel order By A.Kode\_Kel ", KoneksiDb, adOpenStatic, adLockOptimistic

Set Grid.DataSource = rsNilai

End If

End Sub

Private Sub cboKel\_ItemChange()

If Trim(cboKel.Text) = cboKel.Columns(0) Then

cKode\_Kel = cboKel.Columns(1)

Set rsKelurahan = New ADODB.Recordset

rsKelurahan.Open "Select \* From Kelurahan Where Kode\_Kel = '" & cKode\_Kel & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKelurahan.RecordCount > 0 Then

txtKec.Text = rsKelurahan.Fields("Kecamatan")

txtKab.Text = rsKelurahan.Fields("Kab\_Kota")

Set rsPenilaian = New ADODB.Recordset

rsPenilaian.Open "Select \* From Penilaian Where Kode\_Kel = '" & cKode\_Kel & "' " & \_

" and Periode = '" & txtThn.Text & "' ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPenilaian.RecordCount > 0 Then

CmdTambah.Enabled = False

cboKel.Enabled = False

Else

CmdTambah.Enabled = False

End If

Else

MsgBox "Maaf Kode\_Kelurahan Tidak Dikenal...!", vbCritical, "Peringatan"

txtKode.SetFocus

Exit Sub

End If

End If

Isi\_DataGrid

End Sub

Private Sub UpDown1\_Change()

txtThn.Text = UpDown1.Value

Isi\_DataGrid

End Sub

Public Sub IsiNilaiSubKriteria()

Dim Rscari As New ADODB.Recordset

Dim rsCek As New ADODB.Recordset

Set Rscari = Nothing

Rscari.Open "Select \* From SubKriteria where Kode\_Cr='" & cKode\_Cr & "' ", KoneksiDb, adOpenDynamic, adLockOptimistic

If Rscari.RecordCount > 0 Then

Set rsSubKriteria1 = Nothing

Set rsSubKriteria1 = New ADODB.Recordset

rsSubKriteria1.Open "Select \* From SubKriteria where Kode\_Cr='" & cKode\_Cr & "' ", KoneksiDb, adOpenDynamic, adLockOptimistic

If rsSubKriteria1.RecordCount > 0 Then

rsSubKriteria1.MoveFirst

Do While Not rsSubKriteria1.EOF

ckode\_sub = rsSubKriteria1!Kode\_Sub

cNama\_Sub = rsSubKriteria1!Nama\_Sub

nIdx = rsSubKriteria1!Indeks

Set RsNilSub = Nothing

Set RsNilSub = New ADODB.Recordset

RsNilSub.Open "Select \* From Penilaian\_Sub where Kode\_Kel='" & cKode\_Kel & "' " & \_

"and Periode = '" & txtThn & "' and Kode\_Cr = '" & cKode\_Cr & "' and Kode\_Sub ='" & ckode\_sub & "'", KoneksiDb, adOpenDynamic, adLockOptimistic

If RsNilSub.RecordCount > 0 Then

nNIlai = RsNilSub!Nilai

Else

nNIlai = 0

End If

Set rsNilsem = New ADODB.Recordset

rsNilsem.Open "Select \* From Penilaian\_Sem where Kode\_Sub ='" & ckode\_sub & "' and Kode\_Cr = '" & cKode\_Cr & "'", KoneksiDb, adOpenDynamic, adLockOptimistic

If rsNilsem.RecordCount = 0 Then

mSql = "INSERT INTO Penilaian\_Sem (Kode\_Cr,Kode\_Sub,Nama\_Sub,Nilai,Indeks) " & \_

"Values('" & cKode\_Cr & "','" & ckode\_sub & "','" & cNama\_Sub & "'," & nNIlai & "," & nIdx & ")"

Else

mSql = "UPDATE Penilaian\_Sem SET Nilai = " & nNIlai & ",Indeks = " & nIdx & " " & \_

"WHERE Kode\_Sub = '" & ckode\_sub & "' and Kode\_Cr = '" & cKode\_Cr & "'"

End If

Set rsNilsem = New ADODB.Recordset

Debug.Print mSql 'melihat error pada viaribel msql

rsNilsem.Open mSql, KoneksiDb, adOpenDynamic, adLockOptimistic

rsSubKriteria1.MoveNext

Loop

End If

Else

X = MsgBox("Maaf, Data Sub Kriteria Untuk Kriteria tsb Belum Diisi ", 0 + 16, "Konfirmasi")

cboKriteria.Text = ""

cKode\_Cr = ""

cboKriteria.Enabled = True

cboKriteria.SetFocus

CmdTambah.Enabled = False

Exit Sub

End If

Tampildata

CmdTambah.Enabled = True

DataGrid.Col = 2

DataGrid.SetFocus

End Sub

Private Sub Tampildata()

Set rsCek = Nothing

Set rsCek = New ADODB.Recordset

rsCek.Open "Select Kode\_Sub,Nama\_Sub,Nilai From Penilaian\_Sem where Kode\_Cr = '" & cKode\_Cr & "' order by indeks", KoneksiDb, adOpenDynamic, adLockOptimistic

Set DataGrid.DataSource = rsCek

DataGrid.Columns(0).Width = 1000

DataGrid.Columns(1).Width = 3300

DataGrid.Columns(2).Width = 1100

DataGrid.Columns(0).Alignment = dbgCenter

DataGrid.Columns(2).Alignment = dbgCenter

DataGrid.Columns(0).Locked = True

DataGrid.Columns(1).Locked = True

DataGrid.HoldFields 'agar kolom tetap sperti smula

DataGrid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

DataGrid.EmptyRows = True 'agar baris keliatan full

DataGrid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

DataGrid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

DataGrid.EvenRowStyle.BackColor = vbYellow

If rsCek.RecordCount > 0 Then

Set Rscari = Nothing

Set Rscari = New ADODB.Recordset

Rscari.Open "Select sum(Nilai) as jml From Penilaian\_Sem where Kode\_Cr = '" & cKode\_Cr & "'", KoneksiDb

txtSkor.Value = Rscari!Jml

Else

Set rsSkor = New ADODB.Recordset

rsSkor.Open "Select \* From Penilaian where Kode\_Cr = '" & cKode\_Cr & "' and Kode\_Kel='" & cKode\_Kel & "'", KoneksiDb, adOpenDynamic, adLockOptimistic

If rsSkor.RecordCount > 0 Then

txtSkor.Value = rsSkor!Nilai

CmdHapus.Enabled = True

Else

CmdHapus.Enabled = False

txtSkor.Value = 0

End If

End If

End Sub

Private Sub SimpanNilaiSub()

Set rsNilsem = Nothing

Set rsNilsem = New ADODB.Recordset

rsNilsem.Open "Penilaian\_Sem where Kode\_Cr = '" & cKode\_Cr & "' order by indeks", KoneksiDb, adOpenDynamic, adLockOptimistic

If rsNilsem.RecordCount > 0 Then

rsNilsem.MoveFirst

Do While Not rsNilsem.EOF

ckode\_sub = rsNilsem!Kode\_Sub

If Len(ckode\_sub) = 3 Then

nIdx = Right(ckode\_sub, 2)

ElseIf Len(ckode\_sub) = 4 Then

nIdx = Right(ckode\_sub, 3)

ElseIf Len(ckode\_sub) = 5 Then

nIdx = Right(ckode\_sub, 4)

End If

Set Rscari = Nothing

Set Rscari = New ADODB.Recordset

Rscari.Open "Select \* From Penilaian\_Sub where Kode\_Kel='" & cKode\_Kel & "' " & \_

"and Periode = '" & txtThn & "' and Kode\_Cr = '" & cKode\_Cr & "' and Kode\_Sub = '" & ckode\_sub & "'", KoneksiDb, adOpenDynamic, adLockOptimistic

If Rscari.RecordCount = 0 Then

mSql = "INSERT INTO Penilaian\_Sub (Periode,Kode\_Kel,Kode\_Cr,Kode\_Sub,Nilai,Indeks) " & \_

"Values('" & txtThn & "','" & cKode\_Kel & "','" & cKode\_Cr & "','" & ckode\_sub & "'," & rsNilsem!Nilai & "," & nIdx & ")"

Else

mSql = "UPDATE Penilaian\_Sub SET Nilai = " & rsNilsem!Nilai & "," & \_

"Indeks = " & nIdx & "" & \_

" WHERE Kode\_Kel='" & cKode\_Kel & "' " & \_

"and Kode\_Cr = '" & cKode\_Cr & "' and Kode\_Sub = '" & ckode\_sub & "'" & \_

" AND Periode = '" & txtThn & "'"

End If

Set Rscari = New ADODB.Recordset

Debug.Print mSql 'melihat error pada viaribel msql

Rscari.Open mSql, KoneksiDb, adOpenDynamic, adLockOptimistic

rsNilsem.MoveNext

Loop

End If

KoneksiDb.Execute "delete from Penilaian\_Sem "

Set DataGrid.DataSource = Nothing

End Sub