**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

**\*\*\*\* Menu Utama \*\*\*\***

Private m\_strFullCaption As String

Private m\_strCurrentCaption As String

Private m\_ynLeftRight As Boolean

Private Sub cmdkeluar\_Click()

If MsgBox("Yakin Ingin Keluar dari Program...?", vbQuestion + vbYesNo, "Konfirmasi") = vbYes Then

End

End If

End Sub

Private Sub cmdKriteria\_Click()

frmKriteria.Show 1

End Sub

Private Sub cmdLapKriteria\_Click()

frmLapKriteria.Show 1

End Sub

Private Sub cmdLapPeringkat\_Click()

frmLapPerhitungan.Show 1

End Sub

Private Sub cmdLapPeserta\_Click()

frmLapPeserta.Show 1

End Sub

Private Sub cmdMetodeWp\_Click()

frmVektorS.Show 1

End Sub

Private Sub cmdPenilaian\_Click()

frmPenilaian.Show 1

End Sub

Private Sub cmdSubKriteria\_Click()

frmSubKriteria.Show 1

End Sub

Private Sub cmdPeserta\_Click()

frmPeserta.Show 1

End Sub

Private Sub cmdSubNilai\_Click()

frmSubKriteria.Show 1

End Sub

Private Sub Form\_Load()

Dim nLebarLayar As Integer

Dim nTinggiLayar As Integer

cTab.CurrTab = 0

nTinggiLayar = Screen.Height / Screen.TwipsPerPixelY 'mencari tinggi resolusi monitor

nLebarLayar = Screen.Width / Screen.TwipsPerPixelX 'mencari lebar resoulis monitor

cTab.Height = Screen.Height - 1400

If Not Dir(mPath & "PICTURE\" & "Latar-" & nLebarLayar & ".jpg") = "" Then 'cari nama file wallpaper sesuai lebar resolusi

frmMenu.Picture = LoadPicture(mPath & "PICTURE\" & "Latar-" & nLebarLayar & ".jpg")

End If

frmMenu.Caption = "Sistem Pendukung Keputusan Pemilihan Presenter TV"

mCaption = frmMenu.Caption

xCaption = frmMenu.Caption

m\_strFullCaption = Me.Caption

Me.Caption = ""

m\_strCurrentCaption = ""

m\_ynLeftRight = True

stsBar.Panels(1).Text = "Copyright Hidayatullah"

stsBar.Panels(1).Width = 9000

stsBar.Panels(2).Text = Format(Date, "Dddd, dd Mmmm yyyy")

stsBar.Panels(2).Width = 4000

stsBar.Panels(3).Text = Format(Time, "hh:mm:ss") & " Wita"

stsBar.Panels(3).Width = 3000

End Sub

Private Sub cmdBackupDb\_Click()

frmBackup.Show 1

End Sub

Private Sub mnKeluar\_Click()

If MsgBox("Yakin Ingin Keluar dari Program...?", vbQuestion + vbYesNo, "Konfirmasi") = vbYes Then

End

End If

End Sub

Private Sub cmdPenilai\_Click()

frmPenilai.Show 1

End Sub

Private Sub cmdRestoreDb\_Click()

frmrestore.Show 1

End Sub

Private Sub cmdSettingDb\_Click()

frmSettingDatabase.Show 1

End Sub

Private Sub cmdUser\_Click()

frmDataUser.Show 1

End Sub

Private Sub Image2\_Click()

End Sub

Private Sub Timer1\_Timer()

On Error Resume Next

If m\_ynLeftRight Then

If Len(m\_strCurrentCaption) < Len(m\_strFullCaption) Then

m\_strCurrentCaption = Left(m\_strFullCaption, Len(m\_strCurrentCaption) + 1)

Me.Caption = m\_strCurrentCaption

Else

m\_ynLeftRight = Not m\_ynLeftRight

End If

Else

If Len(m\_strCurrentCaption) > 0 Then

m\_strCurrentCaption = Right(m\_strFullCaption, Len(m\_strCurrentCaption) - 1)

Me.Caption = m\_strCurrentCaption

Else

m\_ynLeftRight = Not m\_ynLeftRight

End If

End If

End Sub

Private Sub Timer2\_Timer()

stsBar.Panels(3).Text = Format(Time, "hh:mm:ss") & " Wita"

End Sub

**\*\*\*\* Entry Data Kriteria dan Bobot \*\*\*\***

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

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

Dim nNIlai As Single

Private Sub cboJenis\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where " & \_

"kode\_cr = '" & txtKd\_Cr.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount = 0 Then

CmdTambah.SetFocus

Else

cmdUbah.SetFocus

End If

End If

End Sub

Private Sub cmdBaru\_Click()

isi\_DataBaru

TidakSiapisi

txtKd\_Cr.Enabled = True

txtKd\_Cr.SetFocus

End Sub

Private Sub CmdHapus\_Click()

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select \* From Penilaian Where Kode\_Cr ='" & txtKd\_Cr.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsSubKriteria.RecordCount > 0 Then

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

Else

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where " & \_

"Kode\_Cr ='" & txtKd\_Cr.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 Kriteria where Kode\_Cr ='" & txtKd\_Cr.Text & "'"

End If

End If

End If

cmdBaru\_Click

End Sub

Private Sub cmdSelesai\_Click()

Hitung\_Bobot

Unload Me

End Sub

Private Sub CmdTambah\_Click()

Dim mSql As String

If Trim(txtKd\_Cr.Text) = "" Then

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

txtKd\_Cr.SetFocus

Exit Sub

End If

If Trim(txtNama.Text) = "" Then

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

txtNama.SetFocus

Exit Sub

End If

If txtBobot.Text = Empty Then

MsgBox "Nilai Bobot Kriteria belum diisi...!", vbCritical, "Peringatan"

txtBobot.SetFocus

Exit Sub

End If

If Trim(cboJenis.Text) = "" Then

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

cboJenis.SetFocus

Exit Sub

End If

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where " & \_

"kode\_cr = '" & txtKd\_Cr.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If Len(txtKd\_Cr.Text) = 2 Then

nidx = Right(txtKd\_Cr.Text, 1)

ElseIf Len(txtKd\_Cr.Text) = 3 Then

nidx = Right(txtKd\_Cr.Text, 2)

End If

If rsKriteria.RecordCount = 0 Then

mSql = "INSERT INTO Kriteria(Nama\_Cr,Kode\_Cr,Jenis\_Cr,Bobot,Indeks) " & \_

"Values('" & txtNama.Text & "','" & txtKd\_Cr.Text & "','" & Left(cboJenis.Text, 1) & "'," & \_

"" & txtBobot.Value & "," & nidx & ")"

Else

mSql = "UPDATE Kriteria SET Nama\_Cr = '" & txtNama.Text & "'," & \_

"Bobot = " & txtBobot.Value & "," & \_

"Jenis\_Cr = '" & Left(cboJenis.Text, 1) & "',Indeks = " & nidx & " " & \_

"WHERE kode\_cr = '" & txtKd\_Cr.Text & "'"

End If

Set rsKriteria = New ADODB.Recordset

Debug.Print mSql

rsKriteria.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

cmdBaru\_Click

End Sub

Private Sub cmdUbah\_Click()

CmdTambah\_Click

End Sub

Private Sub Form\_Load()

Dim aJenis As Variant 'mendifinisikan type data array

Dim I As Integer

aJenis = Array("Benefit", "Cost")

cboJenis.Columns(1).Visible = False

For I = 0 To UBound(aJenis)

cboJenis.AddItem (aJenis(I))

Next I

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

End Sub

Private Sub Frame2\_DragDrop(Source As Control, X As Single, Y As Single)

End Sub

Private Sub Grid\_DblClick()

On Error Resume Next

'cboJB.Text = Grid.Columns(0)

txtKd\_Cr.Text = Grid.Columns(0)

cboJB.Enabled = True

TxtKd\_cr\_LostFocus

End Sub

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

Grid.Columns("Kode\_Cr").Caption = "Kode Kriteria"

Grid.Columns("Kode\_Cr").Width = 1000

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

Grid.Columns("Nama\_Cr").Caption = "Nama Criteria"

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

Grid.Columns("Jenis\_Cr").Caption = "Jenis\_Cr"

Grid.Columns("Jenis\_Cr").Width = 1000

Grid.Columns("Jenis\_Cr").Alignment = dbgCenter

Grid.Columns("Bobot").Caption = "Nilai Bobot"

Grid.Columns("Bobot").Width = 1000

'Grid.Columns("Bobot").NumberFormat = "00"

Grid.Columns("Bobot").Alignment = dbgCenter

Grid.Columns("Bobot").Alignment = dbgCenter

Grid.Columns("Perbaikan\_Bobot").NumberFormat = "0.###0"

Grid.Columns("Perbaikan\_Bobot").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 TxtKd\_cr\_LostFocus() 'utk cek isi tdbtext1 saat meninggalkan tdbtext1

If Trim(txtKd\_Cr.Text) = "" Then

Exit Sub

End If

Set rsKriteria = New ADODB.Recordset

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

If rsKriteria.RecordCount > 0 Then

tampilkan\_Data

SiapIsi

cmdUbah.Enabled = True

CmdTambah.Enabled = False

CmdHapus.Enabled = True

' cboJB.Enabled = False

txtKd\_Cr.Enabled = False

Else

isi\_DataBaru

SiapIsi

txtNama.SetFocus

CmdTambah.Enabled = True

End If

End Sub

Private Sub tampilkan\_Data()

txtNama.Text = rsKriteria.Fields("Nama\_Cr")

' txtKd\_Cr.Text = rsKriteria.Fields("Kode\_Cr")

txtBobot.Value = rsKriteria.Fields("Bobot")

cboJenis.Text = rsKriteria.Fields("Jenis\_Cr")

'End If

End Sub

Private Sub isi\_DataBaru()

txtNama.Text = ""

cboJenis.Text = ""

' txtKd\_Cr.Text = ""

txtBobot = ""

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

cboJenis.Enabled = False

txtBobot.Enabled = False

End Sub

Private Sub SiapIsi()

txtNama.Enabled = True

cboJenis.Enabled = True

txtBobot.Enabled = True

txtKd\_Cr.Enabled = True

End Sub

Private Sub Isi\_DataGrid()

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select KOde\_CR,Nama\_Cr,Bobot,Perbaikan\_Bobot,Jenis\_Cr From Kriteria order by Indeks ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsKriteria

End Sub

Private Sub Hitung\_Bobot()

Dim nBobot(10), nPBobot(10) As Single

Dim cCriteria(10) As String

Set rsCek = New ADODB.Recordset

rsCek.Open "Select \* from Kriteria order by Kode\_Cr ", KoneksiDb

If rsCek.RecordCount > 0 Then

rsCek.MoveFirst

nUrut = 0

nJumlah = 0

Do While Not rsCek.EOF

nBobot(nUrut) = rsCek!Bobot

cCriteria(nUrut) = rsCek!Kode\_Cr

nJumlah = nJumlah + nBobot(nUrut)

rsCek.MoveNext

nUrut = nUrut + 1

Loop

For A = 0 To nUrut

nPBobot(A) = nBobot(A) / nJumlah

Next A

For B = 0 To nUrut

nBt = Replace(nPBobot(B), ",", ".")

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where " & \_

"kode\_cr = '" & cCriteria(B) & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

mSql = "UPDATE Kriteria SET Perbaikan\_Bobot = " & nBt & " " & \_

"WHERE kode\_cr = '" & cCriteria(B) & "'"

End If

Set rsKriteria = New ADODB.Recordset

Debug.Print mSql

rsKriteria.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

Next B

End If

End Sub

**\*\*\*\* Entry Data Penilaian Peserta\*\*\*\***

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsPeserta 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 rsNilai2 As New ADODB.Recordset

Dim cId\_Peserta, cKode\_Cr As String

Dim nRecord, nRecordNilai As Byte

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

txtId\_Peserta.Text = ""

txtNama.Text = ""

txtId\_Peserta.Enabled = True

txtId\_Peserta.SetFocus

End Sub

Private Sub cbokriteria\_ItemChange()

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

cKode\_Cr = cboKriteria.Columns(1)

Tampildata

IsiNilaiSubKriteria

End If

End Sub

Private Sub cmdCari\_Click()

Sql = "Select Nama\_Peserta, Id\_Peserta from Data\_Peserta where Periode = '" & txtThn.Text & "' and " & \_

"Nama\_Peserta like '%" & txtNama & "%' order by Nama\_Peserta"

Ada = True

txtId\_Peserta.Text = ""

txtNama.Text = ""

txtAlm.Text = ""

FrmInfo.Caption = " >>> Info Data Pemohon <<<"

FrmInfo.Show vbModal, Me

Ada = False

txtId\_Peserta.Text = FrmInfo.Kode

txtNama.Text = FrmInfo.Teks

txtId\_Peserta\_LostFocus

End Sub

Private Sub CmdHapus\_Click()

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select \* From Vektor\_S Where " & \_

"Id\_Peserta ='" & cId\_Peserta & "' 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 " & \_

"Id\_Peserta ='" & cId\_Peserta & "' 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 " & \_

"Id\_Peserta ='" & cId\_Peserta & "' and Periode ='" & txtThn.Text & "'"

End If

End If

End If

cmdBaru\_Click

Grid.AllowUpdate = True

Isi\_DataGrid

Grid\_OnInit

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 rsKriteria = New ADODB.Recordset

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

nRecord = rsKriteria.RecordCount

Grid.AllowUpdate = True

Isi\_DataGrid

Grid\_OnInit

CmdTambah.Enabled = False

CmdHapus.Enabled = False

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)

Set rsKriteria = New ADODB.Recordset

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

nRecord = rsKriteria.RecordCount

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

cmbFields.Visible = False

End Sub

Private Sub Grid\_DblClick()

txtId\_Peserta.Text = Grid.Columns(0)

txtId\_Peserta\_LostFocus

End Sub

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

On Error Resume Next

Grid.Columns("Id\_Peserta").Caption = "Id\_Peserta"

Grid.Columns("Id\_Peserta").Width = 1500

Grid.Columns("Id\_Peserta").Alignment = dbgCenter

Grid.Columns("Nama\_Peserta").Caption = "Nama Peserta"

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

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

Grid.Columns("Alamat").Width = 2500

For A = 0 To nRecord - 1

cKolom = "Nilai\_C" & Trim(Str(A + 1))

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

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

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

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

If Grid.Columns("" & cKolom & "").Value > 1000 Then

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

Grid.Columns("" & cKolom & "").Width = 1200

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

End If

Next A

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()

txtAlm.Text = ""

CmdTambah.Caption = "&Simpan"

End Sub

Private Sub TidakSiapisi()

CmdTambah.Enabled = False

txtAlm.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.Id\_Peserta,B.Nama\_Peserta,B.Alamat," + Var + " from Penilaian A,Data\_Peserta B where A.Id\_Peserta=B.Id\_Peserta " & \_

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

Set Grid.DataSource = rsNilai

End If

If rsNilai.RecordCount = 0 Then Set Grid.DataSource = Nothing

End Sub

Private Sub txtId\_Peserta\_LostFocus()

If Trim(txtId\_Peserta.Text) = "" Then

Exit Sub

End If

cId\_Peserta = txtId\_Peserta.Text

Set rsPeserta = New ADODB.Recordset

rsPeserta.Open "Select \* From Data\_Peserta Where Id\_Peserta = '" & txtId\_Peserta.Text & "' and " & \_

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

If rsPeserta.RecordCount > 0 Then

txtNama.Text = rsPeserta.Fields("Nama\_Peserta")

txtAlm.Text = rsPeserta.Fields("Alamat")

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Penilaian Where Id\_Peserta = '" & Id\_Peserta & "' " & \_

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

If rsRekapNilai.RecordCount > 0 Then

CmdTambah.Enabled = False

Id\_Peserta.Enabled = False

Else

CmdTambah.Enabled = True

End If

IsiNilaiSubKriteria

Else

MsgBox "Maaf Id\_Peserta tsb Tidak Dikenal pd Periode tsb...!", vbCritical, "Peringatan"

txtId\_Peserta.Text = ""

txtId\_Peserta.SetFocus

Exit Sub

End If

End Sub

Private Sub UpDown1\_Change()

txtThn.Text = UpDown1.Value

Isi\_DataGrid

Grid.AllowUpdate = True

Isi\_DataGrid

Grid\_OnInit

End Sub

'Public Sub IsiNilaiSubKriteria()

' Dim RsCari As New ADODB.Recordset

' Dim rsCek As New ADODB.Recordset

'

'

' Set rsSubKriteria1 = Nothing

' Set rsSubKriteria1 = New ADODB.Recordset

' rsSubKriteria1.Open "Select \* From Kriteria Order By Indeks ", KoneksiDb, adOpenDynamic, adLockOptimistic

' If rsSubKriteria1.RecordCount > 0 Then

' rsSubKriteria1.MoveFirst

' Do While Not rsSubKriteria1.EOF

' cKode\_Cr = rsSubKriteria1!Kode\_Cr

' cNama\_Cr = rsSubKriteria1!Nama\_Cr

' nidx = rsSubKriteria1!Indeks

' Set RsNilSub = Nothing

' Set RsNilSub = New ADODB.Recordset

' RsNilSub.Open "Select \* From Penilaian where Id\_Peserta='" & Trim(cId\_Peserta) & "'" & \_

' "and Periode = '" & txtThn.Text & "' and Kode\_Cr = '" & cKode\_Cr & "' ", 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\_Cr = '" & cKode\_Cr & "'", KoneksiDb, adOpenDynamic, adLockOptimistic

' If rsNilsem.RecordCount = 0 Then

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

' "Values('" & cKode\_Cr & "','" & cNama\_Cr & "'," & nNIlai & "," & nidx & ")"

' Else

' mSql = "UPDATE Penilaian\_Sem SET Nilai = " & nNIlai & " " & \_

' "WHERE 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

' 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\_Cr,Nama\_Cr,Nama\_Sub ,Nilai From Penilaian\_Sem Order By Indeks", KoneksiDb, adOpenDynamic, adLockOptimistic

Set DataGrid.DataSource = rsCek

DataGrid.Columns(0).Width = 1000

DataGrid.Columns(1).Width = 2500

DataGrid.Columns(2).Width = 2000

DataGrid.Columns(3).Width = 800

DataGrid.Columns(0).Alignment = dbgCenter

' DataGrid.Columns(2).Alignment = dbgCenter

DataGrid.Columns(3).Alignment = dbgCenter

DataGrid.Columns(2).Caption = "Penilaian"

DataGrid.Columns(3).Caption = "Skor Nilai"

DataGrid.Columns(0).Locked = True

DataGrid.Columns(1).Locked = True

DataGrid.Columns(2).Locked = True

DataGrid.Columns(3).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

CmdTambah.Enabled = True

Set rsSkor = New ADODB.Recordset

rsSkor.Open "Select \* From Penilaian where Periode ='" & txtThn.Text & "' and Id\_Peserta = '" & txtId\_Peserta.Text & "'", KoneksiDb, adOpenDynamic, adLockOptimistic

If rsSkor.RecordCount > 0 Then

CmdHapus.Enabled = True

Else

CmdHapus.Enabled = False

End If

End Sub

Private Sub SimpanNilaiSub()

Set rsNilsem = Nothing

Set rsNilsem = New ADODB.Recordset

rsNilsem.Open "Penilaian\_Sem order By Indeks", KoneksiDb, adOpenDynamic, adLockOptimistic

If rsNilsem.RecordCount > 0 Then

rsNilsem.MoveFirst

Do While Not rsNilsem.EOF

'cKode\_Cr = rsNilsem!Kode\_Cr

'nidx = rsNilsem!Indeks

cKode\_Cr = rsNilsem!Kode\_Cr

nidx = rsNilsem!Indeks

cNamaSub = rsNilsem!Nama\_Sub

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select \* From SubKriteria Where " & \_

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

If rsSubKriteria.RecordCount > 0 Then cKode\_Sub = rsSubKriteria!Kode\_Sub

Set RsCari = Nothing

Set RsCari = New ADODB.Recordset

RsCari.Open "Select \* From Penilaian where Id\_Peserta='" & cId\_Peserta & "' " & \_

"and Periode = '" & txtThn.Text & "' and Kode\_Cr = '" & cKode\_Cr & "' ", KoneksiDb, adOpenDynamic, adLockOptimistic

If RsCari.RecordCount = 0 Then

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

"Values('" & txtThn.Text & "','" & cId\_Peserta & "','" & cKode\_Cr & "'," & rsNilsem!Nilai & "," & nidx & ")"

Else

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

"Indeks = " & nidx & "" & \_

" WHERE Id\_Peserta='" & cId\_Peserta & "' " & \_

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

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

Public Sub IsiNilaiSubKriteria()

Dim RsCari As New ADODB.Recordset

Dim rsCek As New ADODB.Recordset

Set rsSubKriteria1 = Nothing

Set rsSubKriteria1 = New ADODB.Recordset

rsSubKriteria1.Open "Select \* From Kriteria Order By Indeks ", KoneksiDb, adOpenDynamic, adLockOptimistic

If rsSubKriteria1.RecordCount > 0 Then

rsSubKriteria1.MoveFirst

Do While Not rsSubKriteria1.EOF

cKode\_Cr = rsSubKriteria1!Kode\_Cr

cNama\_Cr = rsSubKriteria1!Nama\_Cr

nidx = rsSubKriteria1!Indeks

Set RsNilSub = Nothing

Set RsNilSub = New ADODB.Recordset

RsNilSub.Open "Select \* From Penilaian where Id\_Peserta='" & txtId\_Peserta.Text & "'" & \_

"and Kode\_Cr = '" & cKode\_Cr & "' and Periode = '" & txtThn.Text & "' ", KoneksiDb, adOpenDynamic, adLockOptimistic

If RsNilSub.RecordCount > 0 Then

nNIlai = RsNilSub!Nilai

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select \* FROM SubKriteria where Kode\_Cr = '" & cKode\_Cr & "' and Bobot = " & nNIlai & " order by Indeks ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsSubKriteria.RecordCount > 0 Then

cNama\_Sub = rsSubKriteria!Nama\_Sub

Else

cNama\_Sub = ""

End If

Else

nNIlai = 0

cNama\_Sub = ""

End If

Set rsNilsem = New ADODB.Recordset

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

If rsNilsem.RecordCount = 0 Then

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

"Values('" & cKode\_Cr & "','" & cNama\_Cr & "','" & cNama\_Sub & "'," & nNIlai & "," & nidx & ")"

Else

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

"Nama\_Sub = '" & cNama\_Sub & "'" & \_

"WHERE 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

Tampildata

DataGrid.Columns(2).Button = True

CmdTambah.Enabled = True

DataGrid.Col = 2

DataGrid.SetFocus

End Sub

Private Sub DataGrid\_ButtonClick(ByVal ColIndex As Integer)

txtThn.Enabled = False

txtId\_Peserta.Enabled = False

txtNama.Enabled = False

txtAlm.Enabled = False

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select Nama\_Sub,Bobot FROM SubKriteria Where kode\_cr = '" & DataGrid.Columns(0) & "' order by Indeks ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

DataGrid.Columns(2).Button = True

cmbFields.Visible = True

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select Nama\_Sub,Bobot FROM SubKriteria where kode\_cr = '" & DataGrid.Columns(0) & "' order by Indeks ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cmbFields.DataSource = rsKriteria

Set cmbFields.RowSource = rsKriteria

cmbFields.Columns(0).Caption = "Penilaian"

cmbFields.Columns(0).Width = 2000

cmbFields.Columns(1).Caption = "Skor Nilai"

cmbFields.Columns(1).Width = 750

cmbFields.Columns(1).Alignment = dblCenter

cmbFields.Width = DataGrid.Columns(2).Width

cmbFields.Left = DataGrid.Columns(2).Left + DataGrid.Left

cmbFields.Top = DataGrid.RowTop(DataGrid.Row) + 2020

cmbFields.Visible = True

DataGrid.Columns(3).Locked = True

End If

End Sub

Private Sub cmbFields\_ItemChange()

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

DataGrid.Columns(2).Text = cmbFields.Columns(0)

DataGrid.Columns(3).Text = cmbFields.Columns(1)

cmbFields.Visible = False

End If

End Sub

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

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

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

Dim Cetak As Boolean

Dim cKode\_Cr As String

Private Sub cmdCetak\_Click()

frmMenu.Crp.Reset 'me-reset ulang objek crystal report

frmMenu.Crp.Connect = KoneksiDb 'membuat koneksi database pd CR

frmMenu.Crp.ReportFileName = App.Path & "\Report\" & "rptKriteria.rpt" 'membuka file rpt

' frmMenu.Crp.SelectionFormula = "{Kriteria.Kode\_Bantuan} ='" & Trim(cJenis) & "'"

frmMenu.Crp.DiscardSavedData = True 'refresh data pd file rpt

frmMenu.Crp.WindowState = crptMaximized 'max kan ukuran report

frmMenu.Crp.Action = 1 ' print preview

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub Form\_Load()

Cetak = False

Isi\_DataGrid

End Sub

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

Grid.Columns("Kode\_Cr").Caption = "Kode Kriteria"

Grid.Columns("Kode\_Cr").Width = 1000

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

Grid.Columns("Nama\_Cr").Caption = "Nama Criteria"

Grid.Columns("Nama\_Cr").Width = 2700

Grid.Columns("Bobot").Alignment = dbgCenter

Grid.Columns("Jenis\_Cr").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 Isi\_DataGrid()

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select KOde\_CR,Nama\_Cr,Bobot,Jenis\_Cr From Kriteria order by Indeks ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsKriteria

If rsKriteria.RecordCount > 0 Then

cmdCetak.Enabled = True

Else

cmdCetak.Enabled = False

If Cetak = True Then

X = MsgBox("Maaf, Data Kriteria Belum Ada !!!", 0 + 16, "Konfirmasi")

cboKode.SetFocus

Exit Sub

End If

End If

End Sub