**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(TDBText2.Text) = "" And Trim(TDBText1.Text) <> "" Then

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

Exit Sub

End If

If lPeriksa = True Then

If xPass = Trim(TDBText2.Text) Then 'jika ketemu

'cek user aktif

If Trim(TDBText1.Text) = mUser\_Id Then

MsgBox "Maaf, Anda Sudah Login sebelumnya...!", vbCritical, "Peringatan"

End

End If

Set rsDataUser = New ADODB.Recordset

rsDataUser.Open "Select \* From DataUser Where UserId = '" & Trim(TDBText1.Text) & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsDataUser.RecordCount > 0 Then 'jika ketemu

If mComputerName <> rsDataUser.Fields("ComputerName") And \_

Format(Date, "yyyy-mm-dd") = Format(rsDataUser.Fields("Login"), "yyyy-mm-dd") \_

And rsDataUser.Fields("ComputerName") <> "" Then

MsgBox "Maaf, Anda Sudah Login di komputer " & rsDataUser.Fields("ComputerName") & " sebelumnya...!", vbCritical, "Peringatan"

Exit Sub

End If

End If

mUser\_Id = Trim(TDBText1.Text)

mIPAddress = GetIPAddress 'jd cukup panggil 1 kali saja disini

'proses logout dl disini

Set rsDataUser = New ADODB.Recordset

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

If rsDataUser.RecordCount > 0 Then 'jika ketemu

rsDataUser.Fields("LogOut") = Now

rsDataUser.Update

End If

'update jam login

'mMenuAkses=trim(.....

Set rsDataUser = New ADODB.Recordset

'cari data DataUser bdasarakan tdbtex1

rsDataUser.Open "Select \* From DataUser Where UserId = '" & Trim(TDBText1.Text) & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsDataUser.RecordCount > 0 Then 'jika ketemu

xUserLevel = Trim(rsDataUser.Fields("UserLevel"))

'mMenuAkses = "" & Trim(rsDataUser.Fields("MenuAkses"))

rsDataUser.Fields("Login") = Now

rsDataUser.Fields("ComputerName") = mComputerName

rsDataUser.Fields("IPAddress") = mIPAddress

rsDataUser.Update

End If

frmMenu.Show

If xUserLevel = "Admin" Or xUserLevel = "Supervisor" Then

frmMenu.mnMaster.Enabled = True

frmMenu.mnProses.Enabled = True

frmMenu.mnLaporan.Enabled = True

frmMenu.mnUtility.Enabled = True

frmMenu.mnBackupDb.Enabled = True

frmMenu.mnRestoreDb.Enabled = True

Else

frmMenu.mnMaster.Enabled = False

frmMenu.mnProses.Enabled = True

frmMenu.mnLaporan.Enabled = True

frmMenu.mnUtility.Enabled = True

frmMenu.mnBackupDb.Enabled = False

frmMenu.mnRestoreDb.Enabled = False

End If

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

frmMenu.stsBar.Panels(3).Text = "Level : " & Trim(rsDataUser.Fields("UserLevel"))

Unload Me

Else

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

TDBText2.Text = ""

TDBText2.SetFocus 'memindahkan posisi cursor pada tdbtext2

Exit Sub

End If

End If

End Sub

Private Sub Form\_Load()

Call OpenDatabase

cmdLogin.Enabled = False

End Sub

Private Sub TDBText1\_LostFocus()

If Trim(TDBText1.Text) = "" Then

Exit Sub

End If

Set rsDataUser = New ADODB.Recordset

'cari data DataUser bdasarakan tdbtex1

rsDataUser.Open "Select \* From DataUser Where UserId = '" & TDBText1.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"

TDBText1.Text = ""

TDBText1.SetFocus 'memindahkan posisi cursor pada tdbtext2

lPeriksa = False

Exit Sub

End If

End Sub

Private Sub TDBText2\_LostFocus()

cmdLogin\_Click

End Sub

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

Private m\_strFullCaption As String

Private m\_strCurrentCaption As String

Private m\_ynLeftRight As Boolean

Private Sub cmdBobotSubKriteria\_Click()

frmSubKriteria.Show 1

End Sub

Private Sub cmdDesa\_Click()

frmDesa.Show 1

End Sub

Private Sub cmdJenisBantuan\_Click()

frmJenisBantuan.Show 1

End Sub

Private Sub cmdkeluar\_Click()

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

End

End If

End Sub

Private Sub cmdKonversi\_Click()

frmKonverKriteria.Show 1

End Sub

Private Sub cmdKriteria\_Click()

frmKriteria.Show 1

End Sub

Private Sub cmdLapKriteria\_Click()

frmLapKriteria.Show 1

End Sub

Private Sub cmdLapPemohon\_Click()

frmLapPemohon.Show 1

End Sub

Private Sub cmdLapPerangkingan\_Click()

frmLapPerhitungan.Show 1

End Sub

Private Sub cmdNilaiFuzzy\_Click()

frmNilaiFuzzy.Show 1

End Sub

Private Sub cmdNormalisasi\_Click()

frmNormalisasi.Show 1

End Sub

Private Sub cmdPemohon\_Click()

frmpemohon1.Show 1

End Sub

Private Sub cmdPenilaian\_Click()

frmPenilaian.Show 1

End Sub

Private Sub cmdPerangkingan\_Click()

frmPerangkingan.Show 1

End Sub

Private Sub cmdTingkatPdd\_Click()

frmTingkat\_Pdd.Show 1

End Sub

Private Sub cmdVektorS\_Click()

frmVektorS.Show 1

End Sub

Private Sub cmdVektorV\_Click()

frmVektorV.Show 1

End Sub

Private Sub Form\_Load()

Dim nLebarLayar As Integer

Dim nTinggiLayar As Integer

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

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

Frame1.Width = Screen.Width

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 Penentuan Data Non User"

mCaption = frmMenu.Caption

xCaption = frmMenu.Caption

m\_strFullCaption = Me.Caption

Me.Caption = ""

m\_strCurrentCaption = ""

m\_ynLeftRight = True

stsBar.Panels(1).Text = "Copyright : Nhizar"

stsBar.Panels(1).Width = 6000

stsBar.Panels(2).Text = "User : "

stsBar.Panels(2).Width = 4500

stsBar.Panels(3).Text = "Level : "

stsBar.Panels(3).Width = 4600

stsBar.Panels(4).Text = Format(Date, "Dddd, dd Mmmm yyyy")

stsBar.Panels(4).Width = 3000

stsBar.Panels(5).Text = Format(Time, "hh:mm:ss") & " Wita"

stsBar.Panels(5).Width = 2000

End Sub

Private Sub mnBackupDb\_Click()

frmBackup.Show 1

End Sub

Private Sub mndataDesa\_Click()

frmDesa.Show 1

End Sub

Private Sub mnHasilRangking\_Click()

frmVektorV.Show 1

End Sub

Private Sub mnJenisBantuan\_Click()

frmJenisBantuan.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 mnKOnversi\_Click()

frmKonverKriteria.Show 1

End Sub

Private Sub mnKriteria\_Click()

frmKriteria.Show 1

End Sub

Private Sub mnLapHasilRangking\_Click()

frmLapPerhitungan.Show 1

End Sub

Private Sub mnLapJenisBantuan\_Click()

frmLapJenisBantuan.Show 1

End Sub

Private Sub mnLapKriteria\_Click()

frmLapKriteria.Show 1

End Sub

Private Sub mnLapPemohon\_Click()

frmLapPemohon.Show 1

End Sub

Private Sub mnNilaiFuzzy\_Click()

frmNilaiFuzzy.Show 1

End Sub

Private Sub mnNormalisasi\_Click()

frmVektorS.Show 1

End Sub

Private Sub mnPemohon\_Click()

frmpemohon1.Show 1

End Sub

Private Sub mnPenilai\_Click()

frmPenilai.Show 1

End Sub

Private Sub mnPenilaian\_Click()

frmPenilaian.Show 1

End Sub

Private Sub mnRestoreDb\_Click()

frmRestore.Show 1

End Sub

Private Sub mnSettingDb\_Click()

frmSettingDatabase.Show 1

End Sub

Private Sub mnSubKriteria\_Click()

frmSubKriteria.Show 1

End Sub

Private Sub mnTingkat\_Click()

frmTingkat\_Pdd.Show 1

End Sub

Private Sub mnUser\_Click()

frmDataUser.Show 1

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(5).Text = Format(Time, "hh:mm:ss") & " Wita"

End Sub

**\*\*\*\* Entry Data Kriteria \*\*\*\***

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

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

Dim cBantuan, cKode\_Bs As String

Dim nNIlai As Single

Private Sub cboKode\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtKd\_Cr.SetFocus

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 rsPenilaian = New ADODB.Recordset

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

If rsPenilaian.RecordCount > 0 Then

MsgBox "Maaf Data Jenis 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

'If MsgBox("Yakin Data Kriteria Bantuan akan Disimpan...?", vbYesNo + vbQuestion, "Konfirmasi") = vbYes Then

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

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

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

End If

Set rsKriteria = New ADODB.Recordset

Debug.Print mSql

rsKriteria.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

' End If

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

cBantuan = ""

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

cboJenis.Columns(1).Visible = False

For I = 0 To UBound(aJenis)

cboJenis.AddItem (aJenis(I))

Next I

cBantuan = ""

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

End Sub

Private Sub Grid\_DblClick()

On Error Resume Next

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

cboKode.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 = 2800

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("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

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")

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

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

End Sub

Private Sub isi\_DataBaru()

txtNama.Text = ""

cboJenis.Text = ""

txtBobot = ""

CmdTambah.Caption = "&Tambah"

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(15), nPBobot(15) As Single

Dim cCriteria(15) 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 Pemohon\*\*\*\***

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

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

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

Dim rsKriteria As ADODB.Recordset

Dim Cetak As Boolean

Dim cKode\_TP, cKode\_Cr As String

Private Sub cboTingkat\_ItemChange()

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

cKode\_TP = cboTingkat.Columns(1)

End If

Cetak = True

Isi\_DataGrid

End Sub

Private Sub cmdCetak\_Click()

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat Where Status = 'Aktif'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPejabat.RecordCount > 0 Then

xNama = rsPejabat!Nama

End If

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

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

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

frmMenu.Crp.SelectionFormula = " {Rekap\_Nilai.Periode} ='" & txtThn.Text & "'and {Rekap\_Nilai.Kode\_TP}='" & cKode\_TP & "'"

frmMenu.Crp.Formulas(1) = "cnama='" & xNama & "'"

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()

cboTingkat.Columns(1).Visible = False

Set rsTingkat = New ADODB.Recordset

rsTingkat.Open "Select Tingkat, Kode\_TP,Tahun FROM TingkatPendidikan", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboTingkat.DataSource = rsTingkat

Set cboTingkat.RowSource = rsTingkat

cboTingkat.Columns(0).Caption = "Tingkat"

cboTingkat.Columns(0).Width = 3000

cboTingkat.Columns(1).Caption = "Kode TP"

cboTingkat.Columns(1).Width = 1000

cKode\_TP = ""

cmdCetak.Enabled = False

cKode\_Btn = ""

Cetak = False

Isi\_DataGrid

End Sub

Private Sub Form\_Unload(Cancel As Integer)

Cetak = False

End Sub

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

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

Grid.Columns("Id\_Pemohon").Width = 2000

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

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

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

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

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

For A = 0 To 4

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

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

Grid.Columns("" & cKolom & "").Width = 1000

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

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

Next A

Grid.Columns("Nilai\_C5").NumberFormat = "#,#0"

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 rsPemohon = New ADODB.Recordset

rsPemohon.Open "Select A.Id\_Pemohon,B.Nama,B.Alamat,A.Nilai\_C1,A.Nilai\_C2,A.Nilai\_C3,A.Nilai\_C4,A.Nilai\_C5 From Rekap\_Nilai A, " & \_

" Pemohon B where A.Id\_Pemohon = B.Id\_Pemohon AND A.Periode ='" & txtThn.Text & "' and A.Kode\_TP ='" & cKode\_TP & "'" & \_

" order by Id\_Pemohon ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsPemohon

If rsPemohon.RecordCount > 0 Then

cmdCetak.Enabled = True

Cetak = True

Else

If Cetak = True Then

Set Grid.DataSource = Nothing

X = MsgBox("Maaf, Data Pemohon untuk Periode dan Tingkat tsb Belum Ada !!!", 0 + 16, "Konfirmasi")

cboTingkat.SetFocus

Exit Sub

End If

End If

End Sub

**\*\*\*\* Data Penilaian\*\*\*\***

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

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

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

Dim rsPenilaian As ADODB.Recordset

Dim rsKriteria As ADODB.Recordset

Public Ada As Boolean

Public Sql As String

Dim cKode\_Btn, cKode\_Ds, cKode\_TP As String

Dim cKode\_Cr(15), cKet(15) As String

Dim nBobot(15), nHasil(15) As Single

Dim nIndex(50) As Integer

Private Sub cbokriteria\_ItemChange(Index As Integer)

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

txtNilai(nIndex(Index) - 1).Value = cboKriteria(Index).Columns(1)

End If

End Sub

Private Sub cboKriteria\_LostFocus(Index As Integer)

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

txtNilai(nIndex(Index) - 1).Value = cboKriteria(Index).Columns(1)

End If

End Sub

Private Sub cboTingkat\_ItemChange()

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

cKode\_TP = cboTingkat.Columns(1)

End If

Isi\_DataGrid

End Sub

Private Sub cmdCari\_Click()

Sql = "Select Nama, Id\_Pemohon from Pemohon where Nama like '%" & txtNama & "%' and Kode\_TP = '" & cKode\_TP & "' order by Nama"

Ada = True

txtId.Text = ""

txtNama.Text = ""

txtAsal.Text = ""

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

FrmInfo.Show vbModal, Me

Ada = False

txtId.Text = FrmInfo.Kode

txtNama.Text = FrmInfo.Teks

txtId\_LostFocus

End Sub

Private Sub txtAsal\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cboC1.SetFocus

End If

End Sub

Private Sub cboKode\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtId.Enabled = True

txtId.SetFocus

End If

End Sub

Private Sub cmdBaru\_Click()

isi\_DataBaru

TidakSiapisi

' cboKode.Enabled = True

txtId.Enabled = True

txtId.Text = ""

txtId.SetFocus

End Sub

Private Sub CmdHapus\_Click()

Set rsVektorS = New ADODB.Recordset

rsVektorS.Open "Select \* From Vektor\_S Where Id\_Pemohon = '" & txtId & "' and " & \_

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

If rsVektorS.RecordCount > 0 Then

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

Else

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Rekap\_Nilai Where Id\_Pemohon = '" & txtId & "' and " & \_

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

If rsRekapNilai.RecordCount > 0 Then

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

KoneksiDb.Execute "delete from Rekap\_Nilai where Id\_Pemohon = '" & txtId & "' and " & \_

" Periode ='" & txtThn.Text & "'"

Set rsPenilaian = New ADODB.Recordset

rsPenilaian.Open "Select \* From Penilaian Where Id\_Pemohon = '" & txtId & "' and " & \_

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

If rsPenilaian.RecordCount > 0 Then

KoneksiDb.Execute "delete from Penilaian where Id\_Pemohon = '" & txtId & "' and " & \_

"Periode ='" & txtThn.Text & "' "

End If

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

Dim nBulat(15) As Single

If Trim(txtId.Text) = "" Then

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

txtId.SetFocus

Exit Sub

End If

If Trim(txtNama.Text) = "" Then

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

txtNama.SetFocus

Exit Sub

End If

For A = 0 To 4

If txtNilai(A).Text = Empty Then

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

txtNilai(A).SetFocus

Exit Sub

End If

Next A

If MsgBox("Yakin Data Penilaian akan Disimpan...?", vbYesNo + vbQuestion, "Konfirmasi") = vbYes Then

For A = 0 To 4

nBulat(A) = txtNilai(A).Value

Next A

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Rekap\_Nilai Where Id\_Pemohon ='" & txtId.Text & "' " & \_

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

If rsRekapNilai.RecordCount = 0 Then

mSql = "INSERT INTO Rekap\_Nilai(Periode,Id\_Pemohon,Nilai\_C1,Nilai\_C2,Nilai\_C3,Nilai\_C4,Nilai\_C5,Kode\_TP) " & \_

"Values('" & txtThn.Text & "','" & txtId.Text & "'," & nBulat(0) & "," & \_

"" & nBulat(1) & "," & nBulat(2) & "," & nBulat(3) & "," & nBulat(4) & ",'" & cKode\_TP & "')"

Else

mSql = "UPDATE Rekap\_Nilai SET Nilai\_C1 = " & nBulat(0) & ", " & \_

"Nilai\_C2 = " & nBulat(1) & ", Nilai\_C3 = " & nBulat(2) & "," & \_

"Nilai\_C4 = " & nBulat(3) & ", Nilai\_C5 = " & nBulat(4) & " " & \_

"WHERE Id\_Pemohon = '" & txtId.Text & "' and Periode ='" & txtThn.Text & "'"

End If

Set rsRekapNilai = New ADODB.Recordset

Debug.Print mSql

rsRekapNilai.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

For A = 0 To 4

If Len(cKode\_Cr(A)) = 2 Then

nIdx = Right(cKode\_Cr(A), 1)

ElseIf Len(cKode\_Cr(A)) = 3 Then

nIdx = Right(cKode\_Cr(A), 2)

End If

Set rsPenilaian = New ADODB.Recordset

rsPenilaian.Open "Select \* From Penilaian Where Id\_Pemohon ='" & txtId.Text & "' and Periode ='" & txtThn.Text & "' " & \_

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

If rsPenilaian.RecordCount = 0 Then

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

"Values('" & txtThn.Text & "','" & txtId.Text & "','" & cKode\_Cr(A) & "'," & txtNilai(A).Value & "," & nIdx & ",'" & cKode\_TP & "')"

Else

mSql = "UPDATE Penilaian SET Nilai = " & txtNilai(A).Value & ",Indeks = " & nIdx & " " & \_

"WHERE Id\_Pemohon = '" & txtId.Text & "' and Periode ='" & txtThn.Text & "' and Kode\_Cr = '" & cKode\_Cr(A) & "'"

End If

Set rsPenilaian = New ADODB.Recordset

Debug.Print mSql

rsPenilaian.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

Next A

End If

cmdBaru\_Click

End Sub

Private Sub cmdUbah\_Click()

CmdTambah\_Click

End Sub

Private Sub Form\_Load()

cKode\_TP = ""

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

xKriteria(A).Caption = rsKriteria.Fields("Nama\_Cr")

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

nBobot(A) = rsKriteria.Fields("Perbaikan\_Bobot")

cKet(A) = rsKriteria.Fields("Jenis\_Cr")

rsKriteria.MoveNext

A = A + 1

Loop

End If

Set rskonversi = New ADODB.Recordset

rskonversi.Open "Select \* From KonversiNIlai Group By Kode\_Cr order by Indeks", KoneksiDb, adOpenKeyset, adLockOptimistic

If rskonversi.RecordCount > 0 Then

rskonversi.MoveFirst

A = 0

Do While Not rskonversi.EOF

cKD = rskonversi!Kode\_Cr

If Len(cKD) = 2 Then nIndex(A) = Right(cKD, 1)

If Len(cKD) = 3 Then nIndex(A) = Right(cKD, 2)

cboKriteria(A).Columns(1).Visible = False

Set rssubKriteria = New ADODB.Recordset

rssubKriteria.Open "Select SubKriteria, Nilai FROM KonversiNIlai Where KOde\_Cr = '" & cKD & "' order by Indeks", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboKriteria(A).DataSource = rssubKriteria

Set cboKriteria(A).RowSource = rssubKriteria

cboKriteria(A).Columns(0).Caption = "SubKriteria"

cboKriteria(A).Columns(0).Width = 3000

cboKriteria(A).Columns(1).Caption = "Nilai"

cboKriteria(A).Columns(1).Width = 1000

rskonversi.MoveNext

A = A + 1

Loop

End If

cboTingkat.Columns(1).Visible = False

Set rsTingkat = New ADODB.Recordset

rsTingkat.Open "Select Tingkat, Kode\_TP,Tahun FROM TingkatPendidikan", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboTingkat.DataSource = rsTingkat

Set cboTingkat.RowSource = rsTingkat

cboTingkat.Columns(0).Caption = "Tingkat"

cboTingkat.Columns(0).Width = 3000

cboTingkat.Columns(1).Caption = "Kode TP"

cboTingkat.Columns(1).Width = 1000

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

End Sub

Private Sub Grid\_DblClick()

'On Error Resume Next

'cKode\_Cr = Grid.Columns(0)

txtId.Text = Grid.Columns(0)

' cboKode.Enabled = True

txtId\_LostFocus

End Sub

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

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

Grid.Columns("Id\_Pemohon").Width = 2000

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

Grid.Columns("Nama").Caption = "Nama Pemohon"

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

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

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

For A = 0 To 4

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

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

Grid.Columns("" & cKolom & "").Width = 1000

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

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

Next A

Grid.Columns("Nilai\_C5").NumberFormat = "#,#0"

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 tampilkanPemohon()

End Sub

Private Sub tampilkan\_Data()

Set rsNilai = New ADODB.Recordset

rsNilai.Open "Select \* From Penilaian Where Id\_Pemohon = '" & txtId & "' " & \_

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

If rsNilai.RecordCount > 0 Then

rsNilai.MoveFirst

A = 0

Do While Not rsNilai.EOF

txtNilai(A).Value = rsNilai.Fields("Nilai")

rsNilai.MoveNext

A = A + 1

Loop

End If

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* FROM Penilaian Where Id\_Pemohon = '" & txtId & "' " & \_

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

If rsKriteria.RecordCount > 0 Then

jml = rsKriteria.RecordCount

rsKriteria.MoveFirst

A = 0

B = 0

Do While Not rsKriteria.EOF

cKD = rsKriteria!Kode\_Cr

Select Case cKD

Case "C1", "C2", "C3"

Set rssubKriteria = New ADODB.Recordset

rssubKriteria.Open "Select \* FROM KonversiNIlai Where KOde\_Cr = '" & cKD & "'and Nilai=" & txtNilai(A) & " ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rssubKriteria.RecordCount > 0 Then cboKriteria(B).Text = rssubKriteria!SubKriteria

B = B + 1

End Select

rsKriteria.MoveNext

A = A + 1

Loop

End If

End Sub

Private Sub isi\_DataBaru()

txtNama.Text = ""

txtAsal.Text = ""

For A = 0 To 4

txtNilai(A).Text = ""

Next A

For A = 0 To 2

cboKriteria(A).Text = ""

Next A

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

txtAsal.Enabled = False

For A = 0 To 4

txtNilai(A).Enabled = False

Next A

For A = 0 To 2

cboKriteria(A).Enabled = False

Next A

End Sub

Private Sub SiapIsi()

txtNama.Enabled = True

txtAsal.Enabled = True

For A = 0 To 4

txtNilai(A).Enabled = True

Next A

For A = 0 To 2

cboKriteria(A).Enabled = True

Next A

End Sub

Private Sub Isi\_DataGrid()

Set rsPemohon = New ADODB.Recordset

rsPemohon.Open "Select A.Id\_Pemohon,B.Nama,B.Alamat,A.Nilai\_C1,A.Nilai\_C2,A.Nilai\_C3,A.Nilai\_C4,A.Nilai\_C5 From Rekap\_Nilai A, " & \_

" Pemohon B where A.Periode ='" & txtThn.Text & "' and A.Id\_Pemohon = B.Id\_Pemohon " & \_

" and A.Kode\_TP = '" & cKode\_TP & "' order by A.Id\_Pemohon ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsPemohon

End Sub

Private Sub txtId\_LostFocus()

If Trim(txtId.Text) = "" Then

Exit Sub

End If

Set rsPemohon = New ADODB.Recordset

rsPemohon.Open "Select \* From Pemohon Where Id\_Pemohon = '" & txtId.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPemohon.RecordCount > 0 Then

txtNama.Text = rsPemohon.Fields("Nama")

txtAsal.Text = rsPemohon.Fields("Alamat")

Set rsRekapNilai = New ADODB.Recordset

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

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

If rsRekapNilai.RecordCount > 0 Then

tampilkan\_Data

SiapIsi

cmdUbah.Enabled = True

CmdTambah.Enabled = False

CmdHapus.Enabled = True

' cboKode.Enabled = False

txtId.Enabled = False

Else

For A = 0 To 4

txtNilai(A).Text = ""

Next A

SiapIsi

cboKriteria(0).SetFocus

CmdTambah.Enabled = True

End If

Else

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

txtId.SetFocus

Exit Sub

End If

Isi\_DataGrid

End Sub

**\*\*\*\* Hitung Vektor S\*\*\*\***

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

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

Dim rsKriteria As ADODB.Recordset

Dim Cek As Boolean

Dim cKode\_Btn, cKode\_TP As String

Dim cKode\_Cr(30), cKet(30) As String

Dim nBobot(30), nHasil(30) As Single

Private Sub cboTingkat\_ItemChange()

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

cKode\_TP = cboTingkat.Columns(1)

End If

End Sub

Private Sub cmdCetak\_Click()

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat Where Status = 'Aktif'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPejabat.RecordCount > 0 Then

xNama = rsPejabat!Nama

End If

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

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

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

frmMenu.Crp.SelectionFormula = " {Vektor\_S.Periode} ='" & txtThn.Text & "' and {Vektor\_S.Kode\_TP}='" & cKode\_TP & "' "

frmMenu.Crp.Formulas(1) = "cNama='" & xNama & "'"

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 cmdProses\_Click()

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

nBobot(A) = rsKriteria.Fields("Perbaikan\_Bobot")

cKet(A) = rsKriteria.Fields("Jenis\_Cr")

rsKriteria.MoveNext

A = A + 1

Loop

End If

Cek = True

Hitung\_VektorS

Isi\_DataGrid

Isi\_DataGrid2

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub Form\_Load()

cboTingkat.Columns(1).Visible = False

Set rsTingkat = New ADODB.Recordset

rsTingkat.Open "Select Tingkat, Kode\_TP,Tahun FROM TingkatPendidikan", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboTingkat.DataSource = rsTingkat

Set cboTingkat.RowSource = rsTingkat

cboTingkat.Columns(0).Caption = "Tingkat"

cboTingkat.Columns(0).Width = 3000

cboTingkat.Columns(1).Caption = "Kode TP"

cboTingkat.Columns(1).Width = 1000

Cek = False

cKode\_TP = ""

Isi\_DataGrid

Isi\_DataGrid2

End Sub

Private Sub Form\_Unload(Cancel As Integer)

Cek = False

End Sub

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

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

Grid.Columns("Id\_Pemohon").Width = 2000

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

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

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

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

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

For A = 0 To 4

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

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

Grid.Columns("" & cKolom & "").Width = 1000

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

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

Next A

Grid.Columns("Nilai\_C5").NumberFormat = "#,#0"

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 Grid2\_OnInit() 'utk merapikan kolom grid

Grid2.Columns("Id\_Pemohon").Caption = "Id\_Pemohon"

Grid2.Columns("Id\_Pemohon").Width = 2000

Grid2.Columns("Id\_Pemohon").Alignment = dbgCenter

Grid2.Columns("Nama").Caption = "Nama"

Grid2.Columns("Nama").Width = 2500

For A = 0 To 4

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

Grid2.Columns("" & cKolom & "").Caption = "" & cKolom & ""

Grid2.Columns("" & cKolom & "").Width = 1000

Grid2.Columns("" & cKolom & "").NumberFormat = "0.###0"

Grid2.Columns("" & cKolom & "").Alignment = dbgCenter

Next A

Grid2.Columns("Hasil").Caption = "Hasil"

Grid2.Columns("Hasil").Width = 1000

Grid2.Columns("Hasil").NumberFormat = "0.###0"

Grid2.Columns("Hasil").Alignment = dbgCenter

Grid2.HoldFields 'agar kolom tetap sperti smula

Grid2.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid2.EmptyRows = True 'agar baris keliatan full

Grid2.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid2.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid2.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid2.EvenRowStyle.BackColor = vbYellow

Grid2.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr Grid2

Grid2.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr Grid2

Grid2.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub Isi\_DataGrid()

Set rsPemohon = New ADODB.Recordset

rsPemohon.Open "Select A.Id\_Pemohon,B.Nama,B.Alamat,A.Nilai\_C1,A.Nilai\_C2,A.Nilai\_C3,A.Nilai\_C4,A.Nilai\_C5 From Rekap\_Nilai A, " & \_

" Pemohon B where A.Id\_Pemohon = B.Id\_Pemohon AND A.Periode ='" & txtThn.Text & "' and A.Kode\_TP ='" & cKode\_TP & "'" & \_

" order by Id\_Pemohon ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsPemohon

If rsPemohon.RecordCount > 0 Then

cmdProses.Enabled = True

Cek = True

Else

If Cek = True Then

Set Grid.DataSource = Nothing

Set Grid2.DataSource = Nothing

X = MsgBox("Maaf, Data Pemohon untuk Periode tsb Belum Ada !!!", 0 + 16, "Konfirmasi")

cboTingkat.SetFocus

Exit Sub

End If

End If

End Sub

Private Sub Isi\_DataGrid2()

Set rsVektor = New ADODB.Recordset

rsVektor.Open "Select A.Id\_Pemohon,B.Nama,B.Alamat,A.Nilai\_C1,A.Nilai\_C2,A.Nilai\_C3,A.Nilai\_C4,A.Nilai\_C5, " & \_

"A.Hasil From Vektor\_S A, Pemohon B where A.Id\_Pemohon = B.Id\_Pemohon and A.Periode ='" & txtThn.Text & "' " & \_

" and A.Kode\_TP ='" & cKode\_TP & "' order by A.Id\_Pemohon ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid2.DataSource = rsVektor

End Sub

Private Sub Hitung\_VektorS()

Dim KodeP(50) As String

Dim xPkt(50), nBulat(30) As String

Dim nNIlai(50) As Double

'Menentukan Pangkat Positif/Negetif

For A = 0 To 4

If cKet(A) = "B" Then

xPkt(A) = nBobot(A)

Else

xPkt(A) = "-" & nBobot(A)

End If

Next A

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Rekap\_Nilai Where " & \_

" Periode = '" & txtThn.Text & "' and Kode\_TP ='" & cKode\_TP & "' order by Id\_Pemohon", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsRekapNilai.RecordCount > 0 Then

rsRekapNilai.MoveFirst

A = 0

Do While Not rsRekapNilai.EOF

KodeP(A) = rsRekapNilai.Fields("Id\_Pemohon")

Set rsPenilaian = New ADODB.Recordset

rsPenilaian.Open "Select \* From Penilaian Where Id\_Pemohon ='" & KodeP(A) & "' and Periode ='" & txtThn.Text & "' " & \_

" order By Kode\_Cr", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPenilaian.RecordCount > 0 Then

'Mencari Pangkat untuk Setiap Nilai Kriteria

nKali = 1

X = 0

Do While Not rsPenilaian.EOF

nHasil(X) = rsPenilaian!Nilai ^ xPkt(X)

nKali = nKali \* nHasil(X)

nBulat(X) = Replace(nHasil(X), ",", ".")

nJUmlah = Replace(nKali, ",", ".")

rsPenilaian.MoveNext

X = X + 1

Loop

End If

'Simpan ke Vektor S

Set rsVektorS = New ADODB.Recordset

rsVektorS.Open "Select \* From Vektor\_S Where Id\_Pemohon ='" & KodeP(A) & "' and Periode ='" & txtThn.Text & "'" & \_

" ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsVektorS.RecordCount = 0 Then

mSql = "INSERT INTO Vektor\_S(Periode,Id\_Pemohon,Nilai\_C1,Nilai\_C2,Nilai\_C3,Nilai\_C4,Nilai\_C5,Hasil,Kode\_TP) " & \_

"Values('" & txtThn.Text & "','" & KodeP(A) & "'," & nBulat(0) & "," & \_

"" & nBulat(1) & "," & nBulat(2) & "," & nBulat(3) & "," & nBulat(4) & "," & nJUmlah & ",'" & cKode\_TP & "')"

Else

mSql = "UPDATE Vektor\_S SET Nilai\_C1 = " & nBulat(0) & ", " & \_

"Nilai\_C2 = " & nBulat(1) & ", Nilai\_C3 = " & nBulat(2) & "," & \_

"Nilai\_C4 = " & nBulat(3) & ", Nilai\_C5 = " & nBulat(4) & ", " & \_

" Hasil = " & nJUmlah & " " & \_

"WHERE Id\_Pemohon = '" & KodeP(A) & "' and Periode ='" & txtThn.Text & "'"

End If

Set rsVektorS = New ADODB.Recordset

Debug.Print mSql

rsVektorS.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

rsRekapNilai.MoveNext

A = A + 1

Loop

End If

End Sub

**\*\*\*\* Laporan Hasil Perhitungan WP\*\*\*\***

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

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

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

Dim rsNilaiFuzzy As ADODB.Recordset

Dim rsKriteria As ADODB.Recordset

Dim Cek As Boolean

Dim cKode\_TP, cKode\_Cr As String

Private Sub cboTingkat\_ItemChange()

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

cKode\_TP = cboTingkat.Columns(1)

End If

End Sub

Private Sub cmdCetak\_Click()

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat Where Status = 'Aktif'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPejabat.RecordCount > 0 Then

xNama = rsPejabat!Nama

End If

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

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

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

frmMenu.Crp.SelectionFormula = "{Vektor\_V.Periode} ='" & txtThn.Text & "'and {Vektor\_V.Kode\_TP}='" & cKode\_TP & "'"

frmMenu.Crp.Formulas(1) = "cnama='" & xNama & "'"

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 cmdProses\_Click()

Hitung\_VektorV

Cek = True

Isi\_DataGrid2

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub Form\_Load()

cboTingkat.Columns(1).Visible = False

Set rsTingkat = New ADODB.Recordset

rsTingkat.Open "Select Tingkat, Kode\_TP,Tahun FROM TingkatPendidikan", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboTingkat.DataSource = rsTingkat

Set cboTingkat.RowSource = rsTingkat

cboTingkat.Columns(0).Caption = "Tingkat"

cboTingkat.Columns(0).Width = 3000

cboTingkat.Columns(1).Caption = "Kode TP"

cboTingkat.Columns(1).Width = 1000

Cek = False

cKode\_TP = ""

cmdProses.Enabled = True

cmdCetak.Enabled = False

Isi\_DataGrid2

End Sub

Private Sub Form\_Unload(Cancel As Integer)

Cetak = False

End Sub

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

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

Grid.Columns("Id\_Pemohon").Width = 2000

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

Grid.Columns("Nama").Caption = "Nama Pemohon"

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

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

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

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

Grid.Columns("Hasil").Width = 600

Grid.Columns("Hasil").NumberFormat = "0.###0"

Grid.Columns("Hasil").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\_DataGrid2()

Set rsHasil = New ADODB.Recordset

rsHasil.Open "Select A.Id\_Pemohon,B.Nama,B.Alamat,A.Hasil From Vektor\_V A, Pemohon B " & \_

"where A.Id\_Pemohon = B.Id\_Pemohon and A.Kode\_TP='" & cKode\_TP & "' and " & \_

"A.Periode ='" & txtThn.Text & "' order by A.Hasil Desc ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsHasil

If rsHasil.RecordCount > 0 Then

cmdCetak.Enabled = True

Cek = True

Else

If Cek = True Then

Set Grid.DataSource = Nothing

X = MsgBox("Maaf, Data Pemohon untuk Periode tsb Belum Ada !!!", 0 + 16, "Konfirmasi")

cmdCetak.Enabled = False

cboTingkat.SetFocus

Exit Sub

End If

End If

End Sub

Private Sub Hitung\_VektorV()

Dim nHasil(50), nVektorV(50) As Single

Dim cKode(50) As String

Set rsCek = New ADODB.Recordset

rsCek.Open "Select \* from Vektor\_S where Periode ='" & txtThn.Text & "' and Kode\_TP='" & cKode\_TP & "' order by Id\_Pemohon ", KoneksiDb

If rsCek.RecordCount > 0 Then

rsCek.MoveFirst

nUrut = 0

nJUmlah = 0

Do While Not rsCek.EOF

nHasil(nUrut) = rsCek!Hasil

cKode(nUrut) = rsCek!Id\_Pemohon

nJUmlah = nJUmlah + nHasil(nUrut)

rsCek.MoveNext

nUrut = nUrut + 1

Loop

'----------------------

' Menghitung Vektor V

'----------------------

For A = 0 To nUrut - 1

nVektorV(A) = nHasil(A) / nJUmlah

Next A

For B = 0 To nUrut - 1

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

Set rsVektorV = New ADODB.Recordset

rsVektorV.Open "Select \* From Vektor\_V Where " & \_

"Periode ='" & txtThn.Text & "' and Id\_Pemohon='" & cKode(B) & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsVektorV.RecordCount = 0 Then

mSql = "INSERT INTO Vektor\_V(Id\_Pemohon,Periode,Hasil,Kode\_TP) " & \_

"Values('" & cKode(B) & "','" & txtThn.Text & "'," & nBt & ",'" & cKode\_TP & "')"

Else

mSql = "UPDATE Vektor\_V SET Hasil = " & nBt & " " & \_

"WHERE Id\_Pemohon='" & cKode(B) & "' and Periode ='" & txtThn.Text & "'"

End If

Set rsVektorV = New ADODB.Recordset

Debug.Print mSql

rsVektorV.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

Next B

End If

End Sub