

Form 1

```
unit Unit1;
interface

uses
  Winapi.Windows, Winapi.Messages, System.SysUtils,
  System.Variants, System.Classes, Vcl.Graphics,
  Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls,
  Vcl.ExtCtrls,
  dxGDIPlusClasses, IWVCLBaseControl, IWBaseControl,
  IWBaseHTMLControl,
  IWControl, IWCompObject, IWCompFlash, Data.DB,
  Data.Win.ADODB, sf_flash,
  Vcl.Imaging.pngimage;

type
  TForm1 = class(TForm)
    Edit1: TEdit;
    Label1: TLabel;
    ComboBox1: TComboBox;
    Label2: TLabel;
    Label3: TLabel;
    Edit2: TEdit;
    Button1: TButton;
    Image1: TImage;
    Panel1: TPanel;
    Timer1: TTimer;
    Label4: TLabel;
    ADOConnection1: TADOConnection;
    ADOQuery1: TADOQuery;
    sfFlashPlayer1: TsFlashPlayer;
    sfFlashList1: TsFlashList;
    procedure FormCreate(Sender: TObject);
    procedure Timer1Timer(Sender: TObject);
    procedure Button1Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  Form1: TForm1;
  b : integer;

implementation

{$R *.dfm}

uses Unit2;

procedure TForm1.Button1Click(Sender: TObject);
var a : integer;
begin
  if combobox1.Text = 'super administrator' then
  begin
```

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    a := 1;
end
else
if combobox1.Text = 'user' then
begin
    a := 2;
    form2.MainMenu1.Items[1].Visible := false;
    form2.MainMenu1.Items[2].Visible := false;
end
else
begin
    a := 0;
end;
with adoquery1 do
begin
    Close;
    SQL.Clear;
    SQL.Add('SELECT * FROM tbl_admin WHERE type
='+quotedstr(inttostr(a)));
    Open;
    b := adoquery1.Fields[0].AsInteger;
end;
if adoquery1.RecordCount = 0 then
begin
    application.MessageBox('Silahkan pilih Type login anda
!!!', 'Informasi',MB_OK or MB_ICONINFORMATION)
end
else
begin
    if adoquery1.RecordCount > 0 then
begin
    if adoquery1.FieldByName('user_name').AsString <>
edit1.Text then
begin
    application.MessageBox('Maaf, Username tersebut
tidak ada !!!', 'Informasi',MB_OK or MB_ICONINFORMATION)
end
else
begin
    if adoquery1.FieldByName('password').AsString <>
edit2.Text then
begin
    application.MessageBox('Maaf, Password anda
salah !!!', 'Informasi',MB_OK or MB_ICONINFORMATION)
end
else
begin
    form1.Visible := false;
    form2.Showmodal;
end;
end;
end;
end;
end;
end;
end;

procedure TForm1.FormCreate(Sender: TObject);

```

```

begin
  sfflashplayer1.FlashIndex := 0;
  combobox1.TabOrder := 0;
  edit1.TabOrder := 1;
  edit2.TabOrder :=2;
end;

procedure TForm1.Timer1Timer(Sender: TObject);
begin
  If label4.Left > -(Label4.Width) then
  begin
    Label4.Left := Label4.Left - 5;
  end
  else
    label4.Left := Panell1.Width;
end;

end.

```

Form 2

```

unit Unit2;

interface

uses
  Winapi.Windows, Winapi.Messages, System.SysUtils,
  System.Variants, System.Classes, Vcl.Graphics,
  Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.Menus,
  Vcl.ToolWin, Vcl.ActnMan,
  Vcl.ActnCtrls, Vcl.ActnMenus, cxGraphics, cxControls,
  cxLookAndFeels,
  cxLookAndFeelPainters, dxSkinsCore, dxSkinBlack,
  dxSkinBlue, dxSkinCaramel,
  dxSkinCoffee, dxSkinDarkRoom, dxSkinDarkSide, dxSkinFoggy,
  dxSkinGlassOceans,
  dxSkinImaginary, dxSkinLilian, dxSkinLiquidSky,
  dxSkinLondonLiquidSky,
  dxSkinMcSkin, dxSkinMoneyTwins, dxSkinOffice2007Black,
  dxSkinOffice2007Blue,
  dxSkinOffice2007Green, dxSkinOffice2007Pink,
  dxSkinOffice2007Silver,
  dxSkinOffice2010Black, dxSkinOffice2010Blue,
  dxSkinOffice2010Silver,
  dxSkinPumpkin, dxSkinSeven, dxSkinSharp, dxSkinSilver,
  dxSkinSpringTime,
  dxSkinStardust, dxSkinSummer2008, dxSkinsDefaultPainters,
  dxSkinValentine,
  dxSkinXmas2008Blue, dxSkinscxPCPainter, dxLayoutContainer,
  dxLayoutControl,
  dxLayoutcxEditAdapters, cxContainer, cxEdit, cxTextEdit,
  Vcl.StdCtrls, cxMemo,
  cxRichEdit, Data.DB, Data.Win.ADODB, frxClass, frxDBSet,
  dxLayoutControlAdapters, VCLTee.TeEngine, VCLTee.DBChart,
  VCLTee.TeeDBCrossTab, VCLTee.Series, Vcl.ExtCtrls,

```

```
VCLTee.TeeProcs,  
  VCLTee.Chart, VCLTee.TeeData, Vcl.ComCtrls, sf_flash,  
  Vcl.Grids, Vcl.DBGrids;
```

```
type
```

```
  TForm2 = class(TForm)  
    MainMenu1: TMainMenu;  
    File1: TMenuItem;  
    Exit1: TMenuItem;  
    AdminLogin1: TMenuItem;  
    EditLogin1: TMenuItem;  
    Pegawail: TMenuItem;  
    DataPegawail: TMenuItem;  
    Penilaian1: TMenuItem;  
    Print1: TMenuItem;  
    P1: TMenuItem;  
    HasilPerhitungan1: TMenuItem;  
    DepartemanPegawail: TMenuItem;  
    Pembobotan1: TMenuItem;  
    DataPembobotan1: TMenuItem;  
    dxLayoutControllGroup_Root: TdxLayoutGroup;  
    dxLayoutControll1: TdxLayoutControl;  
    dxLayoutControll1Group1: TdxLayoutGroup;  
    dxLayoutControll1Group2: TdxLayoutGroup;  
    StaticText1: TStaticText;  
    ADOConnection1: TADOConnection;  
    ADOQuery1: TADOQuery;  
    frxReport1: TfrxReport;  
    frxDBDataset1: TfrxDBDataset;  
    frxReport2: TfrxReport;  
    frxDBDataset2: TfrxDBDataset;  
    ADOQuery2: TADOQuery;  
    ADOQuery3: TADOQuery;  
    ADOQuery3dis: TFloatField;  
    ADOQuery3ab: TFloatField;  
    ADOQuery3kual: TFloatField;  
    ADOQuery3kuan: TFloatField;  
    ADOQuery3ker: TFloatField;  
    ADOQuery3per: TFloatField;  
    frxDBDataset3: TfrxDBDataset;  
    ADOQuery4: TADOQuery;  
    frxDBDataset4: TfrxDBDataset;  
    ADOQuery5: TADOQuery;  
    frxDBDataset5: TfrxDBDataset;  
    ADOQuery6: TADOQuery;  
    DBChart1: TDBChart;  
    dxLayoutControll1Item1: TdxLayoutItem;  
    DBCrossTabSource1: TDBCrossTabSource;  
    DBCrossTabSource2: TDBCrossTabSource;  
    dxLayoutControll1Group4: TdxLayoutGroup;  
    dxLayoutControll1Group3: TdxLayoutGroup;  
    Series1: TBarSeries;  
    ADOQuery7: TADOQuery;  
    DBCrossTabSource3: TDBCrossTabSource;  
    Panell1: TPanel;  
    dxLayoutControll1Item2: TdxLayoutItem;
```

```

Label1: TLabel;
Label2: TLabel;
Label3: TLabel;
Label4: TLabel;
Label5: TLabel;
DBCrossTabSource4: TDBCrossTabSource;
DBChart2: TDBChart;
dxLayoutControll1Item3: TdxLayoutItem;
Series2: TPieSeries;
DBCrossTabSource5: TDBCrossTabSource;
sfFlashList1: TsfFlashList;
sfFlashPlayer1: TsfFlashPlayer;
ADOQuery1id_pegawai: TAutoIncField;
ADOQuery1nama_pegawai: TStringField;
ADOQuery1produksi: TStringField;
ADOQuery1tgl_lahir_pegawai: TDateField;
ADOQuery1agama_pegawai: TStringField;
ADOQuery1status_pegawai: TStringField;
ADOQuery1awal_kerja_pegawai: TDateField;
ADOQuery1alamat_pegawai: TStringField;
ADOQuery1jenis_kelamin_pegawai: TStringField;
ADOQuery1no_telp_pegawai: TStringField;
ADOQuery1foto_pegawai: TBlobField;
ADOQuery1kedisiplinan: TStringField;
ADOQuery1absensi: TStringField;
ADOQuery1kualitas_kerja: TStringField;
ADOQuery1tgl_penilaian: TDateField;
ADOQuery1kuantitas_kerja: TStringField;
ADOQuery1kerjasama: TStringField;
ADOQuery1perilaku: TStringField;
ADOQuery1total: TStringField;
About1: TMenuItem;
procedure Exit1Click(Sender: TObject);
procedure EditLogin1Click(Sender: TObject);
procedure DataPembobotan1Click(Sender: TObject);
procedure DataPegawai1Click(Sender: TObject);
procedure DepartemenPegawai1Click(Sender: TObject);
procedure Penilaian1Click(Sender: TObject);
procedure P1Click(Sender: TObject);
procedure HasilPerhitungan1Click(Sender: TObject);
procedure About1Click(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  Form2: TForm2;

implementation

{$R *.dfm}

uses Unit3, unit4, unit5, unit7, unit11, unit12, unit14,
unit1, unit13;

```

```

procedure TForm2.About1Click(Sender: TObject);
begin
    form13.ShowModal;
end;

procedure TForm2.DataPegawai1Click(Sender: TObject);
begin
    form5.ShowModal;
    form5.ADOQuery1.Requery;
end;

procedure TForm2.DataPembobotan1Click(Sender: TObject);
begin
    form4.Edit2.Enabled := false;
    form4.Edit2.ReadOnly := true;
    form4.Edit3.Enabled := false;
    form4.Edit3.ReadOnly := true;
    form4.Edit4.Enabled := false;
    form4.Edit4.ReadOnly := true;
    form4.Edit5.Enabled := false;
    form4.Edit5.ReadOnly := true;
    form4.Edit6.Enabled := false;
    form4.Edit6.ReadOnly := true;
    form4.Edit7.Enabled := false;
    form4.Edit7.ReadOnly := true;
    form4.Button2.Enabled := false;
    form4.ShowModal;
end;

procedure TForm2.DepartemanPegawai1Click(Sender: TObject);
begin
    form7.showmodal
end;

procedure TForm2.EditLogin1Click(Sender: TObject);
begin
    form3.ShowModal;
    form3.ADOQuery1.Requery;
end;

procedure TForm2.Exit1Click(Sender: TObject);
begin
    application.Terminate;
end;

procedure TForm2.HasilPerhitungan1Click(Sender: TObject);
begin
    form14.Button1Click(sender);
    frxreport2.ShowReport;
end;

procedure TForm2.P1Click(Sender: TObject);
begin
    form14.Button1Click(sender);
    frxreport1.ShowReport;
end;

```

```

end;

procedure TForm2.Penilaian1Click(Sender: TObject);
begin
    form11.ShowModal;
    form11.ADOQuery1.Requery;
end;

end.

```

Form 3

```

unit Unit3;

interface

uses
    Winapi.Windows, Winapi.Messages, System.SysUtils,
    System.Variants, System.Classes, Vcl.Graphics,
    Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls,
    Vcl.ExtCtrls, Vcl.Grids,
    Vcl.DBGrids, Data.DB, Data.Win.ADODB, Vcl.DBCtrls,
    Vcl.Mask, cxGraphics,
    cxControls, cxLookAndFeels, cxLookAndFeelPainters,
    cxContainer, cxEdit,
    dxSkinsCore, dxSkinBlack, dxSkinBlue, dxSkinCaramel,
    dxSkinCoffee,
    dxSkinDarkRoom, dxSkinDarkSide, dxSkinFoggy,
    dxSkinGlassOceans,
    dxSkinImaginary, dxSkinLilian, dxSkinLiquidSky,
    dxSkinLondonLiquidSky,
    dxSkinMcSkin, dxSkinMoneyTwins, dxSkinOffice2007Black,
    dxSkinOffice2007Blue,
    dxSkinOffice2007Green, dxSkinOffice2007Pink,
    dxSkinOffice2007Silver,
    dxSkinOffice2010Black, dxSkinOffice2010Blue,
    dxSkinOffice2010Silver,
    dxSkinPumpkin, dxSkinSeven, dxSkinSharp, dxSkinSilver,
    dxSkinSpringTime,
    dxSkinStardust, dxSkinSummer2008, dxSkinsDefaultPainters,
    dxSkinValentine,
    dxSkinXmas2008Blue, cxImage, cxDBEdit;

type
    TForm3 = class(TForm)
        Label1: TLabel;
        Label2: TLabel;
        Label3: TLabel;
        Label4: TLabel;
        Edit2: TEdit;
        Edit3: TEdit;
        Edit4: TEdit;
        Label5: TLabel;
        Label6: TLabel;
        Label7: TLabel;
    end;

```

```

Label8: TLabel;
Button1: TButton;
Button2: TButton;
Button3: TButton;
GroupBox1: TGroupBox;
Label9: TLabel;
ComboBox1: TComboBox;
Label10: TLabel;
ADOConnection1: TADOConnection;
DataSource1: TDataSource;
DBGrid1: TDBGrid;
ADOQuery1: TADOQuery;
Edit1: TEdit;
DBImage1: TDBImage;
Edit5: TEdit;
Button4: TButton;
Button5: TButton;
ADOQuery2: TADOQuery;
procedure FormCreate(Sender: TObject);
procedure DBGrid1CellClick(Column: TColumn);
procedure Button1Click(Sender: TObject);
procedure Button4Click(Sender: TObject);
procedure Button5Click(Sender: TObject);
procedure Button2Click(Sender: TObject);
procedure Button3Click(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  Form3: TForm3;
  a, c, d, e : integer;

implementation

uses unit6, unit8, unit2;

{$R *.dfm}

procedure TForm3.Button1Click(Sender: TObject);
begin
  form6.ShowModal;
end;

procedure TForm3.Button2Click(Sender: TObject);
begin
  if edit1.Text = '' then
  begin
    Application.MessageBox('Anda belum click data pada tabel
!', 'INFORMASI', MB_OK Or MB_ICONSTOP);
  end
  else
  begin
    if Application.MessageBox('Apakah anda yakin akan

```



```

menghapus data ini !', 'INFORMASI', MB_YESNO Or
MB_ICONQUESTION) = IDYES then
begin
with adoquery2 do
begin
close;
with SQL do
begin
clear;
add('DELETE FROM tbl_admin WHERE id
='+quotedstr(edit1.Text));
end;
execsql;
end;
end
else
begin
dbgrid1.Refresh;
end;
end;
form2.ADOQuery7.Active := false;
form2.ADOQuery7.Active := true;
form2.ADOQuery6.Requery;
end;

procedure TForm3.Button3Click(Sender: TObject);
begin
if edit1.Text = '' then
begin
Application.MessageBox('Anda belum click data pada tabel
!', 'INFORMASI', MB_OK Or MB_ICONSTOP);
end
else
begin
form8.ShowModal;
end;
end;

procedure TForm3.Button4Click(Sender: TObject);
begin
if combobox1.Text = 'super administrator' then
begin
c := 1;
end
else
if combobox1.Text = 'admin' then
begin
c := 2;
end
else
begin
c := 0;
end;
if (edit5.Text = '') and (combobox1.Text = '') then
begin
a := 1;

```

```

with adoquery1 do
begin
  close;
  with SQL do
    begin
      clear;
      add('select * from tbl_admin');
    end;
  open;
  next;
end;
end
else
if (edit5.Text <> EmptyStr) and (combobox1.Text = '') then
begin
  a := 2;
  with adoquery1 do
  begin
    close;
    with SQL do
    begin
      clear;
      add('select * from tbl_admin where user_name
like'+quotedstr('%'+edit5.Text+'%'));
    end;
    open;
    next;
  end;
end
else
if (edit1.Text <> EmptyStr) and (combobox1.Text <>
EmptyStr) then
begin
  a := 3;
  with adoquery1 do
  begin
    close;
    with SQL do
    begin
      clear;
      add('select * from tbl_admin where user_name
like'+quotedstr('%'+edit5.Text+'%')+'and type
like'+quotedstr(inttostr(c)));
    end;
    open;
    next;
  end;
end;
end;
end;

procedure TForm3.Button5Click(Sender: TObject);
begin
with adoquery1 do
  begin
    close;
    with SQL do

```

```

        begin
            clear;
            add('select * from tbl_admin');
        end;
        open;
        next;
    end;
end;

procedure TForm3.DBGrid1CellClick(Column: TColumn);
var b : string;
begin
    edit1.Text := dbgrid1.Fields[0].AsString;
    edit2.Text := dbgrid1.Fields[1].AsString;
    edit3.Text := dbgrid1.Fields[2].AsString;
    b := dbgrid1.Fields[3].AsString;
    if b = '1' then
    begin
        edit4.Text := 'super administrator';
        form8.ComboBox1.Text := 'super administrator';
    end
    else
    begin
        edit4.Text := 'admin';
        form8.ComboBox1.Text := 'admin';
    end;
    form8.Edit1.Text := dbgrid1.Fields[0].AsString;
    form8.Edit2.Text := dbgrid1.Fields[1].AsString;
end;

procedure TForm3.FormCreate(Sender: TObject);
var i, j, k : integer;
begin
    edit5.TabOrder := 0;
    combobox1.TabOrder := 1;
    for i := 0 to componentCount - 1 do
    for j := 0 to componentCount - 1 do
    for k := 0 to componentCount - 1 do
    begin
        if components[i] is tcombobox then
            tcombobox(components[i]).Text := '';
        if components[k] is tedit then
            tedit(components[k]).Text := '';
        if components[k] is tedit then
            tedit(components[k]).ReadOnly := true;
        end;
        edit5.ReadOnly := false;
    end;
end;

end.

```

Form 4

unit Unit4;

```

interface
uses
  Winapi.Windows, Winapi.Messages, System.SysUtils,
  System.Variants, System.Classes, Vcl.Graphics,
  Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls,
  Vcl.Mask, Vcl.DBCtrls,
  Data.DB, Data.Win.ADODB;

type
  TForm4 = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Label6: TLabel;
    Label7: TLabel;
    Label8: TLabel;
    Label9: TLabel;
    Label10: TLabel;
    Label11: TLabel;
    Label12: TLabel;
    Button1: TButton;
    Button2: TButton;
    Button3: TButton;
    Label13: TLabel;
    Edit1: TEdit;
    ADOConnection1: TADOConnection;
    Edit2: TEdit;
    Edit3: TEdit;
    Edit4: TEdit;
    Edit5: TEdit;
    Edit6: TEdit;
    Edit7: TEdit;
    ADOQuery1: TADOQuery;
    ADOTable1: TADOTable;
    procedure FormCreate(Sender: TObject);
    procedure Button3Click(Sender: TObject);
    procedure Button1Click(Sender: TObject);
    procedure Button2Click(Sender: TObject);
    procedure Edit2Change(Sender: TObject);
    procedure Edit3Change(Sender: TObject);
    procedure Edit4Change(Sender: TObject);
    procedure Edit5Change(Sender: TObject);
    procedure Edit6Change(Sender: TObject);
    procedure Edit7Change(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  Form4: TForm4;

```

```

    m, n, o, p, q, r, s : real;

implementation

{$R *.dfm}

uses unit11, unit2, unit14, unit1;

procedure TForm4.Button1Click(Sender: TObject);
begin
    edit2.Focused;
    edit2.TabOrder := 0;
    edit3.TabOrder := 1;
    edit4.TabOrder := 2;
    edit5.TabOrder := 3;
    edit6.TabOrder := 4;
    edit7.TabOrder := 5;
    edit2.Enabled := true;
    edit2.ReadOnly := false;
    edit3.Enabled := true;
    edit3.ReadOnly := false;
    edit4.Enabled := true;
    edit4.ReadOnly := false;
    edit5.Enabled := true;
    edit5.ReadOnly := false;
    edit6.Enabled := true;
    edit6.ReadOnly := false;
    edit7.Enabled := true;
    edit7.ReadOnly := false;
    button2.Enabled := true;
end;

procedure TForm4.Button2Click(Sender: TObject);
begin
    if (edit1.Text <> '1') then
    begin
        Application.MessageBox('Jumlah Pembobotan tidak sama
dengan 1 !', 'INFORMASI', MB_OK Or MB_ICONSTOP);
    end
    else
    begin
        adoquery1.Close;
        adoquery1.SQL.Clear;
        adoquery1.SQL.add('UPDATE tbl_pembobotan SET
id_admin=:admin, b_kedisiplinan=:disiplin,
b_absensi=:absensi, b_kualitas_kerja=:kualitas,
b_kuantitas_kerja=:kuantitas, b_kerjasama=:kerjasama,
b_perilaku=:perilaku where id = 1');
        adoquery1.Prepared;
        adoquery1.parameters.ParamByName('admin').Value :=
form1.ADOQuery1.Fields[0].AsInteger;
        adoquery1.parameters.ParamByName('disiplin').Value :=
strtofloat(edit2.Text);
        adoquery1.parameters.ParamByName('absensi').Value :=
strtofloat(edit3.Text);
        adoquery1.parameters.ParamByName('kualitas').Value :=

```

```

strtofloat(edit4.Text);
    adoquery1.parameters.ParamByName('kuantitas').Value :=
strtofloat(edit5.Text);
    adoquery1.parameters.ParamByName('kerjasama').Value :=
strtofloat(edit6.Text);
    adoquery1.parameters.ParamByName('perilaku').Value :=
strtofloat(edit7.Text);
    adoquery1.ExecSQL;
    Application.MessageBox('Data pembobotan sudah tersimpan
!', 'INFORMASI', MB_OK Or MB_ICONINFORMATION);
    form4.Close;
    form11.ADOQuery3.Active := false;
    form11.ADOQuery3.Active := true;
    form2.ADOQuery2.Active := false;
    form2.ADOQuery2.Active := true;
    form2.ADOQuery3.Active := false;
    form2.ADOQuery3.Active := true;
    form2.ADOQuery4.Active := false;
    form2.ADOQuery4.Active := true;
    form2.ADOQuery5.Active := false;
    form2.ADOQuery5.Active := true;
    form14.adoquery1.active := false;
    form14.adoquery1.active := true;
end;
end;

procedure TForm4.Button3Click(Sender: TObject);
var i, j : integer;
begin
    form4.Close;
    for i := 0 to componentCount - 1 do
    for j := 0 to componentCount - 1 do
    begin
        if components[i] is tedit then
            tedit(components[i]).ReadOnly := true;
        if components[j] is tedit then
            tedit(components[j]).Enabled := false;
        end;
        adoquery1.Active := false;
    end;
end;

procedure TForm4.Edit2Change(Sender: TObject);
begin
    m := strtfloat(edit2.Text);
    s := m+n+o+p+q+r;
    edit1.Text := floattostr(s);
end;

procedure TForm4.Edit3Change(Sender: TObject);
begin
    n := strtfloat(edit3.Text);
    s := m+n+o+p+q+r;
    edit1.Text := floattostr(s);
end;

procedure TForm4.Edit4Change(Sender: TObject);

```

```

begin
  o := strtofloat(edit4.Text);
  s := m+n+o+p+q+r;
  edit1.Text := floattostr(s);
end;

procedure TForm4.Edit5Change(Sender: TObject);
begin
  p := strtofloat(edit5.Text);
  s := m+n+o+p+q+r;
  edit1.Text := floattostr(s);
end;

procedure TForm4.Edit6Change(Sender: TObject);
begin
  q := strtofloat(edit6.Text);
  s := m+n+o+p+q+r;
  edit1.Text := floattostr(s);
end;

procedure TForm4.Edit7Change(Sender: TObject);
begin
  r := strtofloat(edit7.Text);
  s := m+n+o+p+q+r;
  edit1.Text := floattostr(s);
end;

procedure TForm4.FormCreate(Sender: TObject);
var i, j : integer;
    a, b, c, d, e, f, l : real;
begin
  edit2.Text :=
  adotable1.FieldName('b_kedisiplinan').AsString;
  edit3.Text := adotable1.FieldName('b_absensi').AsString;
  edit4.Text :=
  adotable1.FieldName('b_kualitas_kerja').AsString;
  edit5.Text :=
  adotable1.FieldName('b_kuantitas_kerja').AsString;
  edit6.Text := adotable1.FieldName('b_kerjasama').AsString;
  edit7.Text := adotable1.FieldName('b_perilaku').AsString;
  edit2.Text := formatfloat('##0.#0', strtofloat(edit2.Text));
  edit3.Text := formatfloat('##0.#0', strtofloat(edit3.Text));
  edit4.Text := formatfloat('##0.#0', strtofloat(edit4.Text));
  edit5.Text := formatfloat('##0.#0', strtofloat(edit5.Text));
  edit6.Text := formatfloat('##0.#0', strtofloat(edit6.Text));
  edit7.Text := formatfloat('##0.#0', strtofloat(edit7.Text));
  a := strtofloat(edit2.Text);
  b := strtofloat(edit3.Text);
  c := strtofloat(edit4.Text);
  d := strtofloat(edit5.Text);
  e := strtofloat(edit6.Text);
  f := strtofloat(edit7.Text);
  l := (a + b + c + d + e + f);
  edit1.Text := floattostr(l);
  for i := 0 to componentCount - 1 do
  for j := 0 to componentCount - 1 do

```

```
begin
  if components[i] is tedit then
    tedit(components[i]).ReadOnly := true;
  if components[j] is tedit then
    tedit(components[j]).Enabled := false;
end;
end;

end.
```

Form 5

```
unit Unit5;

interface

uses
  Winapi.Windows, Winapi.Messages, System.SysUtils,
  System.Variants, System.Classes, Vcl.Graphics,
  Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls,
  Vcl.DBCtrls, Vcl.Grids,
  Vcl.DBGrids, Data.DB, Data.Win.ADODB;

type
  TForm5 = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Label6: TLabel;
    Label7: TLabel;
    Label8: TLabel;
    Label9: TLabel;
    Label10: TLabel;
    Label11: TLabel;
    Label12: TLabel;
    Label13: TLabel;
    Label14: TLabel;
    Label15: TLabel;
    Label16: TLabel;
    Edit1: TEdit;
    Edit2: TEdit;
    Edit3: TEdit;
    Edit4: TEdit;
    Edit5: TEdit;
    Edit6: TEdit;
    Edit7: TEdit;
    Edit8: TEdit;
    DBGrid1: TDBGrid;
    Button1: TButton;
    Button2: TButton;
    Button3: TButton;
    GroupBox1: TGroupBox;
    ADOConnection1: TADOConnection;
    ADOQuery1: TADOQuery;
```



```

DataSource1: TDataSource;
DBImage1: TDBImage;
Label17: TLabel;
Edit9: TEdit;
Label18: TLabel;
Edit10: TEdit;
Label19: TLabel;
Button4: TButton;
Button5: TButton;
ADOQuery2: TADOQuery;
Edit13: TEdit;
ComboBox1: TComboBox;
ADOQuery3: TADOQuery;
procedure FormCreate(Sender: TObject);
procedure DBGrid1CellClick(Column: TColumn);
procedure Button5Click(Sender: TObject);
procedure Button4Click(Sender: TObject);
procedure Button1Click(Sender: TObject);
procedure Button2Click(Sender: TObject);
procedure Button3Click(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  Form5: TForm5;

implementation

{$R *.dfm}

uses unit9, unit10, unit2;

procedure TForm5.Button1Click(Sender: TObject);
begin
  form9.ShowModal;
end;

procedure TForm5.Button2Click(Sender: TObject);
begin
  if edit13.Text = '' then
  begin
    Application.MessageBox('Anda belum click data pada tabel
!', 'INFORMASI', MB_OK Or MB_ICONSTOP);
  end
  else
  begin
    if Application.MessageBox('Apakah anda yakin akan
menghapus data ini !, karna proses ini akan menghapus data
penilaian juga !', 'INFORMASI', MB_YESNO Or MB_ICONQUESTION)
= IDYES then
    begin
      with adoquery2 do
      begin

```

```

        close;
        with SQL do
        begin
            clear;
            add('DELETE FROM tbl_penilaian WHERE id_pegawai
=' + quotedstr(edit13.Text));
            end;
            execsql;
            close;
            with SQL do
            begin
                clear;
                add('DELETE FROM tbl_hasil WHERE id_pegawai
=' + quotedstr(edit13.Text));
                end;
                execsql;
                close;
                with SQL do
                begin
                    clear;
                    add('DELETE FROM tbl_pegawai WHERE id_pegawai
=' + quotedstr(edit13.Text));
                    end;
                    execsql;
                end;
                adoquery1.Requery;
            end
            else
            begin
                adoquery1.Requery;
            end;
        end;
        form2.adoquery6.Active := false;
        form2.adoquery6.Active := true;
    end;

procedure TForm5.Button3Click(Sender: TObject);
begin
    if edit13.Text = '' then
    begin
        Application.MessageBox('Anda belum click data pada tabel
!', 'INFORMASI', MB_OK Or MB_ICONSTOP);
    end
    else
    begin
        form10.ShowModal;
    end;
end;

procedure TForm5.Button4Click(Sender: TObject);
begin
    if (edit9.Text <> emptystr) and (edit10.Text = emptystr)
and (combobox1.Text = emptystr) then
    begin
        adoquery1.Close;
        adoquery1.SQL.Clear;
    end;
end;

```

```

        adoquery1.SQL.Add('select * from tbl_pegawai where
id_pegawai =' + quotedstr(edit9.Text));
        adoquery1.Open;
        adoquery1.ExecSQL;
    end
    else
    begin
        if (edit9.Text <> emptystr) and (edit10.Text <>
emptystr) and (combobox1.Text = emptystr) then
        begin
            adoquery1.Close;
            adoquery1.SQL.Clear;
            adoquery1.SQL.Add('select * from tbl_pegawai where
id_pegawai =' + quotedstr(edit9.Text) + ' and nama_pegawai like
' + quotedstr('%' + edit10.Text + '%'));
            adoquery1.Open;
            adoquery1.ExecSQL;
        end
    else
    begin
        if (edit9.Text <> emptystr) and (edit10.Text =
emptystr) and (combobox1.Text <> emptystr) then
        begin
            adoquery1.Close;
            adoquery1.SQL.Clear;
            adoquery1.SQL.Add('select * from tbl_pegawai where
id_pegawai =' + quotedstr(edit9.Text) + ' and status_pegawai =
' + quotedstr(combobox1.Text));
            adoquery1.Open;
            adoquery1.ExecSQL;
        end
    else
    begin
        if (edit9.Text <> emptystr) and (edit10.Text <>
emptystr) and (combobox1.Text <> emptystr) then
        begin
            adoquery1.Close;
            adoquery1.SQL.Clear;
            adoquery1.SQL.Add('select * from tbl_pegawai
where id_pegawai =' + quotedstr(edit9.Text) + ' and nama_pegawai
like ' + quotedstr('%' + edit10.Text + '%') + ' and status_pegawai =
' + quotedstr(combobox1.Text));
            adoquery1.Open;
            adoquery1.ExecSQL;
        end
    else
    begin
        if (edit9.Text = emptystr) and (edit10.Text <>
emptystr) and (combobox1.Text = emptystr) then
        begin
            adoquery1.Close;
            adoquery1.SQL.Clear;
            adoquery1.SQL.Add('select * from tbl_pegawai
where nama_pegawai like ' + quotedstr('%' + edit10.Text + '%'));
            adoquery1.Open;
            adoquery1.ExecSQL;
        end
    end
end
end

```

```

        end
        else
        begin
            if (edit9.Text = emptystr) and (edit10.Text <>
emptystr) and (combobox1.Text <> emptystr) then
                begin
                    adoquery1.Close;
                    adoquery1.SQL.Clear;
                    adoquery1.SQL.Add('select * from tbl_pegawai
where nama_pegawai like '+quotedstr('%'+edit10.Text+'%')+
and status_pegawai = '+quotedstr(combobox1.Text));
                    adoquery1.Open;
                    adoquery1.ExecSQL;
                end
            else
            begin
                if (edit9.Text = emptystr) and (edit10.Text
= emptystr) and (combobox1.Text <> emptystr) then
                    begin
                        adoquery1.Close;
                        adoquery1.SQL.Clear;
                        adoquery1.SQL.Add('select * from
tbl_pegawai where status_pegawai =
'+quotedstr(combobox1.Text));
                        adoquery1.Open;
                        adoquery1.ExecSQL;
                    end;
                end;
            end;
        end;
    end;
end;
end;
end;
end;

procedure TForm5.Button5Click(Sender: TObject);
begin
    with adoquery1 do
        begin
            close;
            with SQL do
                begin
                    clear;
                    add('select * from tbl_pegawai');
                end;
            open;
            next;
        end;
    end;
end;

procedure TForm5.DBGrid1CellClick(Column: TColumn);
begin
    edit1.Text := dbgrid1.Fields[1].AsString;
    edit2.Text := dbgrid1.Fields[3].AsString;
    edit3.Text := dbgrid1.Fields[4].AsString;
    edit4.Text := dbgrid1.Fields[5].AsString;
end;

```

```

edit5.Text := dbgrid1.Fields[6].AsString;
edit6.Text := dbgrid1.Fields[7].AsString;
edit7.Text := dbgrid1.Fields[8].AsString;
edit8.Text := dbgrid1.Fields[9].AsString;
edit13.Text := dbgrid1.Fields[0].AsString;
form10.Edit1.Text := dbgrid1.Fields[0].AsString;
form10.Edit2.Text := dbgrid1.Fields[1].AsString;
adoquery3.Close;
adoquery3.SQL.Clear;
adoquery3.SQL.Add('select produksi from tbl_bagian where
id_bagian = '+DBGrid1.Fields[2].AsString);
adoquery3.Open;
adoquery3.ExecSQL;
form10.ComboBox1.Text :=
adoquery3.FieldByName('produksi').AsString;
form10.DateTimePicker1.DateTime :=
dbgrid1.Fields[3].Value;
form10.ComboBox2.Text := dbgrid1.Fields[4].AsString;
form10.ComboBox3.Text := dbgrid1.Fields[5].AsString;
form10.DateTimePicker2.DateTime :=
dbgrid1.Fields[6].Value;
form10.richedit1.Text := dbgrid1.Fields[7].AsString;
form10.ComboBox4.Text := dbgrid1.Fields[8].AsString;
form10.edit3.Text := dbgrid1.Fields[9].AsString;
end;

procedure TForm5.FormCreate(Sender: TObject);
var i : integer;
begin
  for i := 0 to componentCount - 1 do
  begin
    if components[i] is tedit then
      tedit(components[i]).Text := '';
      edit1.ReadOnly := true;
      edit2.ReadOnly := true;
      edit3.ReadOnly := true;
      edit4.ReadOnly := true;
      edit5.ReadOnly := true;
      edit6.ReadOnly := true;
      edit7.ReadOnly := true;
      edit8.ReadOnly := true;
      edit1.Enabled := false;
      edit2.Enabled := false;
      edit3.Enabled := false;
      edit4.Enabled := false;
      edit5.Enabled := false;
      edit6.Enabled := false;
      edit7.Enabled := false;
      edit8.Enabled := false;
    end;
  end;
end.

```

```

unit Unit6;

interface

uses
  Winapi.Windows, Winapi.Messages, System.SysUtils,
  System.Variants, System.Classes, Vcl.Graphics,
  Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls,
  Data.DB, Data.Win.ADODB,
  Vcl.ExtCtrls, Vcl.ExtDlgs, Vcl.DBCtrls;

type
  TForm6 = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Edit1: TEdit;
    Edit2: TEdit;
    Edit3: TEdit;
    Button1: TButton;
    Button2: TButton;
    ADOConnection1: TADOConnection;
    ADOQuery1: TADOQuery;
    ComboBox1: TComboBox;
    Button3: TButton;
    OpenPictureDialog1: TOpenPictureDialog;
    ADOQuery2: TADOQuery;
    Image1: TImage;
    ADOQuery2id: TAutoIncField;
    ADOQuery2user_name: TStringField;
    ADOQuery2password: TStringField;
    ADOQuery2type: TIntegerField;
    ADOQuery2foto: TBlobField;
    procedure Button2Click(Sender: TObject);
    procedure FormCreate(Sender: TObject);
    procedure Button3Click(Sender: TObject);
    procedure Button1Click(Sender: TObject);
    procedure FormShow(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  Form6: TForm6;
  lokasi : String;
  z, y : integer;

implementation

{$R *.dfm}
uses unit3, unit2;

```

```

procedure TForm6.Button1Click(Sender: TObject);
begin
y := strtoint(edit1.Text);
if combobox1.Text = 'super administrator' then
begin
z := 1;
end
else
begin
z := 2;
end;
try
with adoquery2 do
begin
close;
with SQL do
begin
clear;
add('INSERT INTO tbl_admin (id, user_name, password,
type, foto) VALUES(:v0, :v1, :v2, :v3, :v4)');
end;
Parameters[0].Value := y;
Parameters[1].Value := edit2.Text;
Parameters[2].Value := edit3.Text;
Parameters[3].Value := z;
Parameters[4].Assign(imagel.Picture.Graphic);
execsql;
end;
Application.MessageBox('Data Tersimpan', 'INFORMASI',
mb_OK);
form6.Close;
edit2.Text := '';
edit3.Text := '';
combobox1.Text := '';
edit2.Focused;
edit2.TabOrder := 0;
edit3.TabOrder := 1;
combobox1.TabOrder := 2;
button3.TabOrder := 3;
button1.TabOrder := 4;
button2.TabOrder := 5;
imagel.Free;
Except
if Application.MessageBox('Data Belum Tersimpan ! Apakah
anda ingin mencoba lagi?', 'INFORMASI', MB_YESNO Or
MB_ICONQUESTION Or MB_DEFBUTTON1) = IDYES then
begin
edit2.Text := '';
edit3.Text := '';
combobox1.Text := '';
edit2.Focused;
edit2.TabOrder := 0;
edit3.TabOrder := 1;
combobox1.TabOrder := 2;
button3.TabOrder := 3;
button1.TabOrder := 4;

```

```

        button2.TabOrder := 5;
        imagel.Free;
    end
    else
    begin
        exit;
    end;
end;
form2.ADOQuery7.Active := false;
form2.ADOQuery7.Active := true;
exit;
end;

procedure TForm6.Button2Click(Sender: TObject);
begin
    form6.Close;
    form3.ADOQuery1.Refresh;
end;

procedure TForm6.Button3Click(Sender: TObject);
begin
    if OpenPictureDialog1.Execute then
    begin
        lokasi := OpenPictureDialog1.FileName;
        Imagel1.Picture.LoadFromFile(lokasi);
    end;
end;

procedure TForm6.FormCreate(Sender: TObject);
var i, l : integer;
    m : String;
begin
    edit1.ReadOnly := true;
    edit1.Enabled := false;
    for i := 0 to componentCount - 1 do
    begin
        if components[i] is tedit then
            tedit(components[i]).Text := '';
        end;
    end;
    adoquery1.Close;
    adoquery1.SQL.Clear;
    adoquery1.SQL.Add('SELECT * FROM tbl_admin');
    adoquery1.Open;
    with adoquery1 do
    begin
        adoquery1.Last;
        m := adoquery1.Fieldbyname('id').AsString;
        l := strtoint(m);
        l := l + 1;
        edit1.Text := inttostr(l);
    end;
end;

procedure TForm6.FormShow(Sender: TObject);
begin
    a := strtoint(edit1.Text);

```



```
    edit1.Text := inttostr(a+1);
end;

end.
```

Form 7

```
unit Unit7;

interface

uses
    Winapi.Windows, Winapi.Messages, System.SysUtils,
    System.Variants, System.Classes, Vcl.Graphics,
    Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls,
    Vcl.Grids, Vcl.DBGrids,
    Data.DB, Data.Win.ADODB;

type
    TForm7 = class(TForm)
        Label1: TLabel;
        Label2: TLabel;
        Button1: TButton;
        Button2: TButton;
        GroupBox1: TGroupBox;
        Edit2: TEdit;
        Button4: TButton;
        DBGrid1: TDBGrid;
        ADOConnection1: TADOConnection;
        ADOQuery1: TADOQuery;
        DataSource1: TDataSource;
        ADOQuery2: TADOQuery;
        ADOQuery3: TADOQuery;
        Edit1: TEdit;
        Edit3: TEdit;
        ADOQuery4: TADOQuery;
        procedure Button1Click(Sender: TObject);
        procedure Button2Click(Sender: TObject);
        procedure DBGrid1CellClick(Column: TColumn);
        procedure Button4Click(Sender: TObject);
    private
        { Private declarations }
    public
        { Public declarations }
    end;

var
    Form7: TForm7;

implementation

{$R *.dfm}
uses unit2, unit1;

procedure TForm7.Button1Click(Sender: TObject);
var m : string;
```

```

    l : integer;
begin
    with adoquery2 do
    begin
        with SQL do
        begin
            clear;
            add('SELECT * FROM tbl_bagian');
        end;
        open;
        adoquery2.Last;
        m := adoquery2.FieldName('id_bagian').AsString;
        l := strtoint(m);
        l := l + 1;
    end;
    if edit1.Text = '' then
    begin
        Application.MessageBox('Anda belum mengisi nama produksi
        bagian !', 'INFORMASI', MB_OK Or MB_ICONSTOP);
    end
    else
    begin
        with adoquery3 do
        begin
            close;
            with SQL do
            begin
                clear;
                add('INSERT INTO tbl_bagian (id_bagian, id_admin,
                produksi) values (:v0, :v1, :v02)');
            end;
            Parameters[0].Value := l;
            Parameters[1].Value :=
            form1.adoquery1.Fields[0].AsInteger;
            Parameters[2].Value := edit1.Text;
            execsql;
        end;
        Application.MessageBox('Data Tersimpan', 'INFORMASI',
        mb_OK);
        ADOQuery1.Requery;
    end;
    edit1.Text := '';
    form2.ADOQuery1.Active := false;
    form2.ADOQuery1.Active := true;
    form2.ADOQuery2.Active := false;
    form2.ADOQuery2.Active := true;
    form2.ADOQuery3.Active := false;
    form2.ADOQuery3.Active := true;
    form2.ADOQuery4.Active := false;
    form2.ADOQuery4.Active := true;
    form2.ADOQuery5.Active := false;
    form2.ADOQuery5.Active := true;
end;

procedure TForm7.Button2Click(Sender: TObject);
begin

```

```

if edit3.Text = '' then
begin
    Application.MessageBox('Anda belum click data pada tabel
!', 'INFORMASI', MB_OK Or MB_ICONSTOP);
end
else
if edit3.Text <> '' then
begin
    with adoquery3 do
    begin
        close;
        with SQL do
        begin
            clear;
            add('SELECT tbl_bagian.id_bagian,
tbl_pegawai.id_bagian_pegawai FROM tbl_bagian, tbl_pegawai
WHERE id_bagian_pegawai = '+quotedstr(edit3.Text));
            end;
            open;
        end;
        if adoquery3.RecordCount = 0 then
        begin
            if Application.MessageBox('Apakah anda yakin akan
menghapus data ini !', 'INFORMASI', MB_YESNO Or
MB_ICONQUESTION) = IDYES then
            begin
                with adoquery4 do
                begin
                    close;
                    with SQL do
                    begin
                        clear;
                        add('DELETE FROM tbl_bagian WHERE id_bagian
='+quotedstr(edit3.Text));
                        end;
                        execsql;
                    end;
                end;
            end
        else
        begin
            if adoquery3.RecordCount > 0 then
            begin
                if Application.MessageBox('Ditemukan data bagian di
data profil pegawai !, jika anda menghapus bagian ini maka
data pegawai yang mengandung data bagian ini akan terhapus,
apakah anda akan melanjutkan ?', 'INFORMASI', MB_YESNO Or
MB_ICONQUESTION) = IDYES then
                begin
                    with adoquery4 do
                    begin
                        close;
                        with SQL do
                        begin
                            clear;
                            add('DELETE FROM tbl_bagian WHERE id_bagian

```

```

='+quotedstr(edit3.Text));
        end;
        execsql;
        close;
        with SQL do
        begin
            clear;
            add('DELETE FROM tbl_pegawai WHERE
id_bagian_pegawai =' + quotedstr(edit3.Text));
        end;
        end;
        end;
        end;
        end;
        end;
        end;
        adoquery1.Requery;
        form2.ADOQuery1.Active := false;
        form2.ADOQuery1.Active := true;
        form2.ADOQuery2.Active := false;
        form2.ADOQuery2.Active := true;
        form2.ADOQuery3.Active := false;
        form2.ADOQuery3.Active := true;
        form2.ADOQuery4.Active := false;
        form2.ADOQuery4.Active := true;
        form2.ADOQuery5.Active := false;
        form2.ADOQuery5.Active := true;
    end;

procedure TForm7.Button4Click(Sender: TObject);
begin
    with adoquery1 do
    begin
        close;
        with SQL do
        begin
            clear;
            add('select * from tbl_bagian where produksi like
'+quotedstr('%'+edit2.Text+'%'));
        end;
        open;
    end;
end;
source code Form 7
procedure TForm7.DBGrid1CellClick(Column: TColumn);
begin
    edit3.Text := dbgrid1.Fields[0].AsString;
end;

end.

```

Form 8

```
unit Unit8;
```

```
interface
```

```

uses
  Winapi.Windows, Winapi.Messages, System.SysUtils,
  System.Variants, System.Classes, Vcl.Graphics,
  Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.ExtDlgs, Data.DB,
  Data.Win.ADODB,
  Vcl.StdCtrls, Vcl.ExtCtrls, Vcl.Mask, Vcl.DBCtrls;

type
  TForm8 = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Button1: TButton;
    Button2: TButton;
    Button3: TButton;
    Edit1: TEdit;
    Edit2: TEdit;
    Edit3: TEdit;
    ComboBox1: TComboBox;
    Label6: TLabel;
    Edit4: TEdit;
    OpenPictureDialog1: TOpenPictureDialog;
    DBImage1: TDBImage;
    ADOConnection1: TADOConnection;
    ADOQuery1: TADOQuery;
    ADOQuery2: TADOQuery;
    procedure Button2Click(Sender: TObject);
    procedure FormCreate(Sender: TObject);
    procedure Button3Click(Sender: TObject);
    procedure Button1Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  Form8: TForm8;
  lokasi : String;

implementation

{$R *.dfm}

uses unit3, unit2;

procedure TForm8.Button1Click(Sender: TObject);
var a : integer;
begin
  if combobox1.Text = 'super administrator' then
  begin
    a := 1;
  end
end

```

```

else
begin
  a := 2;
end;
with adoquery1 do
begin
  close;
  with SQL do
  begin
    clear;
    add('SELECT * FROM tbl_admin where id
='+quotedstr(edit1.Text));
  end;
  open;
end;
if adoquery1.RecordCount > 0 then
begin
  if adoquery1.FieldByName('password').AsString <> edit3.Text
then
  begin
    Application.MessageBox('Password lama anda salah !',
'INFORMASI', MB_OK Or MB_ICONSTOP);
  end
  else
  begin
    with adoquery2 do
    begin
      close;
      with SQL do
      begin
        clear;
        add('UPDATE tbl_admin SET user_name=:nama,
password=:pass, type=:type, foto=:foto where id=:id');
      end;
      parameters.ParamByName('id').Value := edit1.Text;
      parameters.ParamByName('nama').Value := edit2.Text;
      parameters.ParamByName('pass').Value := edit4.Text;
      parameters.ParamByName('type').Value := a;

parameters.ParamByName('foto').Assign(dbimage1.Picture.Graphic);
      execsql;
    end;
    if Application.MessageBox('Data anda sudah tersimpan !',
'INFORMASI', MB_OK Or MB_ICONINFORMATION) = IDOK then
    begin
      form8.Close;
    end;
  end;
end;
form2.ADOQuery7.Active := false;
form2.ADOQuery7.Active := true;
end;

procedure TForm8.Button2Click(Sender: TObject);
begin
  form8.Close;

```

```

end;

procedure TForm8.Button3Click(Sender: TObject);
begin
if OpenPictureDialog1.Execute then
    lokasi := OpenPictureDialog1.FileName;
    dbImage1.Picture.LoadFromFile(lokasi);
end;

procedure TForm8.FormCreate(Sender: TObject);
begin
    edit3.Text := '';
    edit4.Text := '';
end;

end.

```

Form 9

```

unit Unit9;

interface

uses
    Winapi.Windows, Winapi.Messages, System.SysUtils,
    System.Variants, System.Classes, Vcl.Graphics,
    Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls,
    Vcl.ExtCtrls, Vcl.ComCtrls,
    Data.DB, Data.Win.ADODB, Vcl.DBCtrls, Vcl.ExtDlgs,
    Vcl.DBLookup, Vcl.Grids,
    Vcl.DBGrids;

type
    TForm9 = class(TForm)
        Label1: TLabel;
        Label2: TLabel;
        Label3: TLabel;
        Label4: TLabel;
        Label5: TLabel;
        Label6: TLabel;
        Label7: TLabel;
        Label8: TLabel;
        Label9: TLabel;
        Label10: TLabel;
        Label11: TLabel;
        Edit1: TEdit;
        Edit2: TEdit;
        DateTimePicker1: TDateTimePicker;
        ComboBox2: TComboBox;
        ComboBox3: TComboBox;
        DateTimePicker2: TDateTimePicker;
        ComboBox4: TComboBox;
        Edit3: TEdit;
        Image1: TImage;
        Button3: TButton;
        Button1: TButton;
    end;

```

```

Button2: TButton;
RichEdit1: TRichEdit;
ADOConnection1: TADOConnection;
ADOQuery1: TADOQuery;
ADOQuery2: TADOQuery;
OpenPictureDialog1: TOpenPictureDialog;
ComboBox1: TComboBox;
ADOQuery3: TADOQuery;
procedure Button2Click(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure Button3Click(Sender: TObject);
procedure Button1Click(Sender: TObject);
procedure ComboBox1Change(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  Form9: TForm9;
  lokasi : String;
  a : String;

implementation

{$R *.dfm}

uses unit5, unit2, unit1, unit11, unit14;

procedure TForm9.Button1Click(Sender: TObject);
begin
try
  with adoquery2 do
  begin
    close;
    with SQL do
    begin
      clear;
      add('INSERT INTO tbl_pegawai (id_pegawai, id_admin,
nama_pegawai, id_bagian_pegawai, tgl_lahir_pegawai,
agama_pegawai, status_pegawai, awal_kerja_pegawai,
alamat_pegawai, jenis_kelamin_pegawai, no_telp_pegawai,
foto_pegawai)'+
      'VALUES(:v0, :v1, :v2, :v3, :v4, :v5, :v6, :v7, :v8, :v9,
:v10, :v11)');
    end;
    Parameters[0].Value := edit1.Text;
    Parameters[1].Value := form1.ADOQuery1.Fields[0].AsInteger;
    Parameters[2].Value := edit2.Text;
    Parameters[3].Value := a;
    Parameters[4].value := formatdatetime('yyyy-mm-dd',
datetimepicker1.DateTime);
    Parameters[5].Value := combobox2.Text;
    Parameters[6].Value := combobox3.Text;
    Parameters[7].Value := formatdatetime('yyyy-mm-dd',

```



```

datetimepicker2.DateTime);;
    Parameters[8].Value := richedit1.Text;
    Parameters[9].Value := combobox4.Text;
    Parameters[10].Value := edit3.Text;
    Parameters[11].Assign(image1.Picture.Graphic);
    execsql;
    close;
    with SQL do
    begin
        clear;
        add('INSERT into tbl_penilaian (id_pegawai) values
(:v0)');
    end;
    Parameters[0].Value := edit1.Text;
    execsql;
    close;
    with SQL do
    begin
        clear;
        add('INSERT into tbl_hasil (id_pegawai) values (:v0)');
    end;
    Parameters[0].Value := edit1.Text;
    execsql;
end;
Application.MessageBox('Data Tersimpan', 'INFORMASI', mb_OK);
form5.ADOQuery1.Requery;
form9.Close;
except
    if Application.MessageBox('Data Belum Tersimpan ! Apakah anda
ingin mencoba lagi ?', 'INFORMASI', MB_YESNO Or MB_ICONQUESTION
Or MB_DEFBUTTON1) = IDYES then
    begin
        edit2.SetFocus;
        edit2.Text := '';
        edit3.Text := '';
        combobox1.Text := '';
        combobox2.Text := '';
        combobox3.Text := '';
        combobox4.Text := '';
    end
    else
    begin
        form9.Close;
        form5.Show;
    end;
end;
form2.adoquery6.Active := false;
form2.adoquery6.Active := true;
form11.adoquery1.Active := false;
form11.adoquery1.Active := true;
form14.adoquery1.Active := false;
form14.adoquery1.Active := true;
end;

procedure TForm9.Button2Click(Sender: TObject);
begin

```

```

    form9.Close;
end;

procedure TForm9.Button3Click(Sender: TObject);
begin
    if OpenPictureDialog1.Execute then
        lokasi := OpenPictureDialog1.FileName;
    Image1.Picture.LoadFromFile(lokasi);
end;

procedure TForm9.ComboBox1Change(Sender: TObject);
begin
    with adoquery3 do
    begin
        close;
        SQL.Clear;
        SQL.Add('SELECT id_bagian FROM tbl_bagian WHERE produksi =
'+quotedstr(combobox1.Text));
        open;
        a := adoquery3.FieldByName('id_bagian').AsString;
    end;
end;

procedure TForm9.FormCreate(Sender: TObject);
var m : String;
    l : integer;
begin
    edit1.ReadOnly := true;
    edit1.Enabled := false;
    with adoquery1 do
    begin
        adoquery1.Last;
        m := adoquery1.Fieldbyname('id_pegawai').AsString;
        l := strtoint(m);
        l := l + 1;
        edit1.Text := inttostr(l);
    end;
    adoquery2.Close;
    adoquery2.SQL.Clear;
    adoquery2.SQL.Add('SELECT * FROM tbl_bagian');
    adoquery2.Open;
    combobox1.Items.Clear;
    while not adoquery2.Eof do
        begin
            combobox1.Items.Add(adoquery2.FieldByName('produksi').AsString);
            adoquery2.Next;
        end;
end;

end.

```

Form 10

unit Unit10;

```

interface

uses
  Winapi.Windows, Winapi.Messages, System.SysUtils,
  System.Variants, System.Classes, Vcl.Graphics,
  Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Data.DB, Data.Win.ADODB,
  Vcl.ExtDlgs,
  Vcl.DBCtrls, Vcl.StdCtrls, Vcl.ComCtrls;

type
  TForm10 = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Button1: TButton;
    Button2: TButton;
    Edit1: TEdit;
    Edit2: TEdit;
    DBImage1: TDBImage;
    OpenPictureDialog1: TOpenPictureDialog;
    ADOConnection1: TADOConnection;
    ADOQuery1: TADOQuery;
    ADOQuery2: TADOQuery;
    Label3: TLabel;
    Label6: TLabel;
    Button3: TButton;
    Label7: TLabel;
    Label8: TLabel;
    Label9: TLabel;
    Label10: TLabel;
    Label11: TLabel;
    ComboBox1: TComboBox;
    DateTimePicker1: TDateTimePicker;
    ComboBox2: TComboBox;
    ComboBox3: TComboBox;
    DateTimePicker2: TDateTimePicker;
    RichEdit1: TRichEdit;
    ComboBox4: TComboBox;
    Edit3: TEdit;
    ADOQuery3: TADOQuery;
    procedure Button2Click(Sender: TObject);
    procedure Button3Click(Sender: TObject);
    procedure FormCreate(Sender: TObject);
    procedure Button1Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  Form10: TForm10;
  lokasi : String;
  a : String;

```

```

implementation

{$R *.dfm}

uses unit5, unit2, unit1;

procedure TForm10.Button1Click(Sender: TObject);
begin
  with adoquery3 do
  begin
    close;
    SQL.Clear;
    SQL.Add('SELECT id_bagian FROM tbl_bagian WHERE produksi =
'+quotedstr(combobox1.Text));
    open;
    a := adoquery3.FieldByName('id_bagian').AsString;
  end;
  with adoquery2 do
  begin
    close;
    with SQL do
    begin
      clear;
      Add('update tbl_pegawai set id_admin=:admin,
nama_pegawai=:nama, id_bagian_pegawai=:id,
tgl_lahir_pegawai=:tgl, agama_pegawai=:agama,
status_pegawai=:status, awal_kerja_pegawai=:awal,
alamat_pegawai=:alamat, '+
      'jenis_kelamin_pegawai=:kelamin, no_telp_pegawai=:telp,
foto_pegawai=:foto where id_pegawai=:id_peg');
    end;
    parameters.ParamByName('admin').Value :=
form1.adoquery1.Fields[0].AsInteger;
    parameters.ParamByName('id_peg').Value := edit1.Text;
    parameters.ParamByName('nama').Value := edit2.Text;
    parameters.ParamByName('id').Value := a;
    parameters.ParamByName('tgl').Value := formatdatetime('yyyy-
mm-dd', datettimepicker1.DateTime);;
    parameters.ParamByName('agama').Value := combobox2.Text;
    parameters.ParamByName('status').Value := combobox3.Text;
    parameters.ParamByName('awal').Value :=
formatdatetime('yyyy-mm-dd', datettimepicker2.DateTime);;
    parameters.ParamByName('alamat').Value := richedit1.Text;
    parameters.ParamByName('kelamin').Value := combobox4.Text;
    parameters.ParamByName('telp').Value := edit3.Text;

parameters.ParamByName('foto').Assign(dbimage1.Picture.Graphic);
    execsql;
  end;
  if Application.MessageBox('Data anda sudah tersimpan !',
'INFORMASI', MB_OK Or MB_ICONINFORMATION) = IDOK then
  begin
    form10.Close;
  end;
  form2.adoquery6.Active := false;
  form2.adoquery6.Active := true;

```

```

end;

procedure TForm10.Button2Click(Sender: TObject);
begin
    form10.Close;
end;

procedure TForm10.Button3Click(Sender: TObject);
begin
    if OpenPictureDialog1.Execute then
        lokasi := OpenPictureDialog1.FileName;
        dbImage1.Picture.LoadFromFile(lokasi);
end;

procedure TForm10.FormCreate(Sender: TObject);
begin
    adoquery1.Close;
    adoquery1.SQL.Clear;
    adoquery1.SQL.Add('select produksi from tbl_bagian');
    adoquery1.Open;
    adoquery1.ExecSQL;
    while not adoquery1.Eof do
        begin
            combobox1.Items.Add(adoquery1.FieldName('produksi').AsString);
            adoquery1.Next;
        end;
end;

end.

```

Form 11

```

unit Unit11;

interface

uses
    Winapi.Windows, Winapi.Messages, System.SysUtils,
    System.Variants, System.Classes, Vcl.Graphics,
    Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.DBCtrls,
    Vcl.StdCtrls, Vcl.Grids,
    Vcl.DBGrids, Data.DB, Data.Win.ADODB, Vcl.ComCtrls,
    cxGraphics, cxControls,
    cxLookAndFeels, cxLookAndFeelPainters, cxContainer,
    cxEdit, dxSkinsCore,
    dxSkinBlack, dxSkinBlue, dxSkinCaramel, dxSkinCoffee,
    dxSkinDarkRoom,
    dxSkinDarkSide, dxSkinFoggy, dxSkinGlassOceans,
    dxSkinsMaginary, dxSkinLilian,
    dxSkinLiquidSky, dxSkinLondonLiquidSky, dxSkinMcSkin,
    dxSkinMoneyTwins,
    dxSkinOffice2007Black, dxSkinOffice2007Blue,
    dxSkinOffice2007Green,
    dxSkinOffice2007Pink, dxSkinOffice2007Silver,
    dxSkinOffice2010Black,

```

```

    dxSkinOffice2010Blue, dxSkinOffice2010Silver,
    dxSkinPumpkin, dxSkinSeven,
    dxSkinSharp, dxSkinSilver, dxSkinSpringTime,
    dxSkinStardust, dxSkinSummer2008,
    dxSkinsDefaultPainters, dxSkinValentine,
    dxSkinXmas2008Blue, cxTextEdit,
    cxMaskEdit, cxDropDownEdit, cxCalendar, cxDBEdit;

type
    TForm11 = class(TForm)
        DBImage1: TDBImage;
        DBGrid1: TDBGrid;
        Button1: TButton;
        Label1: TLabel;
        Label2: TLabel;
        Label3: TLabel;
        Label4: TLabel;
        Label5: TLabel;
        Label6: TLabel;
        Button2: TButton;
        ComboBox1: TComboBox;
        ComboBox2: TComboBox;
        ComboBox3: TComboBox;
        ComboBox4: TComboBox;
        ComboBox5: TComboBox;
        ComboBox6: TComboBox;
        ADOConnection1: TADOConnection;
        Edit1: TEdit;
        DateTimePicker1: TDateTimePicker;
        Button4: TButton;
        ADOQuery1: TADOQuery;
        DataSource1: TDataSource;
        ADOQuery2: TADOQuery;
        ADOQuery3: TADOQuery;
        DataSource2: TDataSource;
        DBGrid2: TDBGrid;
        ADOQuery3b_kedisiplinan: TStringField;
        ADOQuery3b_absensi: TStringField;
        ADOQuery3b_kualitas_kerja: TStringField;
        ADOQuery3b_kuantitas_kerja: TStringField;
        ADOQuery3b_kerjasama: TStringField;
        ADOQuery3b_perilaku: TStringField;
        procedure FormCreate(Sender: TObject);
        procedure DBGrid1CellClick(Column: TColumn);
        procedure Button4Click(Sender: TObject);
        procedure Button2Click(Sender: TObject);
        procedure Button1Click(Sender: TObject);
    private
        { Private declarations }
    public
        { Public declarations }
    end;

var
    Form11: TForm11;
    bantu, bantu1, bantu2, bantu3, bantu4, bantu5 : string;

```

```

    jml6, jml7, jml8, jml9, jml10, jml11, total : real;

implementation

{$R *.dfm}

uses unit12, unit2, unit14;

procedure TForm1.Button1Click(Sender: TObject);
var a, b, c, d, e, f, jml, jml1, jml2, jml3, jml4, jml5 :
real;
    dbg, dbg1 : TDBGGrid;
    dst : TDataSet;
    in_, n, indo : Integer;
    arr : array of double;
    tgl : tdatetime;
    nama: String;
begin
    tgl := now;
    with adoquery2 do
    begin
        close;
        with SQL do
        begin
            clear;
            add('SELECT MAX(disiplin_penilaian) FROM
tbl_penilaian');
        end;
        open;
        a := adoquery2.Fields[0].AsFloat;
        close;
        with SQL do
        begin
            clear;
            add('SELECT MAX(absensi_penilaian) FROM
tbl_penilaian');
        end;
        open;
        b := adoquery2.Fields[0].AsFloat;
        close;
        with SQL do
        begin
            clear;
            add('SELECT MAX(kual_kerja_penilaian) FROM
tbl_penilaian');
        end;
        open;
        c := adoquery2.Fields[0].AsFloat;
        close;
        with SQL do
        begin
            clear;
            add('SELECT MAX(kuan_kerja_penilaian) FROM
tbl_penilaian');
        end;
        open;

```



```

begin
  inc(in_);
  indo := dbg.Fields[0].AsInteger;
  jml6 := dbg.Fields[4].AsFloat/a;
  jml7 := dbg.Fields[5].AsFloat/b;
  jml8 := dbg.Fields[6].AsFloat/c;
  jml9 := dbg.Fields[7].AsFloat/d;
  jml10 := dbg.Fields[8].AsFloat/e;
  jml11 := dbg.Fields[9].AsFloat/f;
  form12.Memo1.Lines.Add('Pegawai ke-'+IntToStr(in_)+' :
K 1 = '+formatfloat('##0.#0',jml6)+'      K 2 =
'+formatfloat('##0.#0',jml7)+'      K 3 =
'+formatfloat('##0.#0',jml8)+'      K 4 =
'+formatfloat('##0.#0',jml9)+'      K 5 =
'+formatfloat('##0.#0',jml10)+'      K 6 =
'+formatfloat('##0.#0',jml11));
  with adoquery2 do
    begin
      close;
      with SQL do
        begin
          clear;
          add('update tbl_hasil set tgl_penilaian=:tgl,
kedisiplinan=:dis, absensi=:abs,
          +'kualitas_kerja=:kual, kuantitas_kerja=:kuan,
kerjasama=:sama, perilaku=:peri where id_pegawai=:id_peg');
          end;
          prepared;
          Parameters.Parambyname('id_peg').Value := indo;
          Parameters.ParamByName('tgl').Value :=
formatdatetime('yyyy-mm-dd', tgl);
          Parameters.ParamByName('dis').Value :=
strtofloat(formatfloat('##0.#0',jml6));
          Parameters.ParamByName('abs').Value :=
strtofloat(formatfloat('##0.#0',jml7));
          Parameters.ParamByName('kual').Value :=
strtofloat(formatfloat('##0.#0',jml8));
          Parameters.ParamByName('kuan').Value :=
strtofloat(formatfloat('##0.#0',jml9));
          Parameters.ParamByName('sama').Value :=
strtofloat(formatfloat('##0.#0',jml10));
          Parameters.ParamByName('peri').Value :=
strtofloat(formatfloat('##0.#0',jml11));
          execsql;
        end;
      dst.Next;
    end;
  dst.First;
  form12.Memo1.Lines.Add('');
  form12.Memo1.Lines.Add('Hasil Normalisasi Matriks dan
dikalikan dengan Matriks Faktor Bobot>>>>>>>');
  while not dst.Eof do
    begin
      indo := dbg.Fields[0].AsInteger;
      nama := dbg.Fields[1].AsString;
      jml :=

```

```

(dbg.Fields[4].AsFloat/a)*dbg1.Fields[0].AsFloat;
    jml1 :=
(dbg.Fields[5].AsFloat/b)*dbg1.Fields[1].AsFloat;
    jml2 :=
(dbg.Fields[6].AsFloat/c)*dbg1.Fields[2].AsFloat;
    jml3 :=
(dbg.Fields[7].AsFloat/d)*dbg1.Fields[3].AsFloat;
    jml4 :=
(dbg.Fields[8].AsFloat/e)*dbg1.Fields[4].AsFloat;
    jml5 :=
(dbg.Fields[9].AsFloat/f)*dbg1.Fields[5].AsFloat;
    total := jml+jml1+jml2+jml3+jml4+jml5;
    form12.Memo1.Lines.Add('Nama Pegawai - '+nama+ ' =
'+formatfloat('##0.#0',jml+jml1+jml2+jml3+jml4+jml5));
    with adoquery2 do
    begin
        close;
        with SQL do
        begin
            clear;
            add('update tbl_hasil set total=:total where
id_pegawai=:id_peg');
            end;
            parameters.parambyname('id_peg').Value := indo;
            Parameters.ParamByName('total').Value :=
strtofloat(formatfloat('##0.#0',total));
            execsql;
        end;
        dst.Next;
    end;
    form12.Memo1.Lines.Add('');
    form12.Memo1.Lines.Add('Peringkat Pegawai Berdasarkan
Nilai Akhir >>>>>>');
    begin
        with adoquery2 do
        begin
            close;
            with SQL do
            begin
                clear;
                add('SELECT nama_pegawai, total FROM
spk_hadiah.tbl_hasil INNER JOIN spk_hadiah.tbl_pegawai ON
(tbl_hasil.id_pegawai = tbl_pegawai.id_pegawai) ORDER BY
total desc');
                end;
                open;
                while not adoquery2.eof do
                begin
                    inc(n);
                    form12.Memo1.Lines.Add('Peringkat ke-
'+inttostr(n)+' Nama = '+adoquery2.Fields[0].asstring+
Nilai Total =
'+formatfloat('##0.#0',adoquery2.Fields[1].asfloat));
                    adoquery2.next;
                end;
            end;
        end;
    end;

```

```

    end;
  finally
    dst.enablecontrols;
  end;
  form12.showmodal;
  form2.adoquery5.active := false;
  form2.adoquery5.active := true;
  form2.adoquery1.active := false;
  form2.adoquery1.active := true;
  form2.adoquery2.active := false;
  form2.adoquery2.active := true;
  form2.adoquery3.active := false;
  form2.adoquery3.active := true;
  form2.adoquery4.active := false;
  form2.adoquery4.active := true;
end;

procedure TForm11.Button2Click(Sender: TObject);
var tgl : tdatetime;
begin
  if combobox1.Text = 'kurang baik' then
  begin
    bantu := '0.25';
  end
  else
  if combobox1.Text = 'cukup' then
  begin
    bantu := '0.50';
  end
  else
  if combobox1.Text = 'baik' then
  begin
    bantu := '0.75';
  end
  else
  if combobox1.Text = 'sangat baik' then
  begin
    bantu := '1.00';
  end;
  if combobox2.Text = 'sering bolos' then
  begin
    bantu1 := '0.25';
  end
  else
  if combobox2.Text = 'ijin kurang dari 6 kali' then
  begin
    bantu1 := '0.50';
  end
  else
  if combobox2.Text = 'ijin 1 kali' then
  begin
    bantu1 := '0.75';
  end
  else
  if combobox2.Text = 'nihil' then
  begin

```

```
    bantu1 := '1.00';
end;
if combobox3.Text = 'kurang baik' then
begin
    bantu2 := '0.25';
end
else
if combobox3.Text = 'cukup' then
begin
    bantu2 := '0.50';
end
else
if combobox3.Text = 'baik' then
begin
    bantu2 := '0.75';
end
else
if combobox3.Text = 'sangat baik' then
begin
    bantu2 := '1.00';
end;
if combobox4.Text = 'kurang baik' then
begin
    bantu3 := '0.25';
end
else
if combobox4.Text = 'cukup' then
begin
    bantu3 := '0.50';
end
else
if combobox4.Text = 'baik' then
begin
    bantu3 := '0.75';
end
else
if combobox4.Text = 'sangat baik' then
begin
    bantu3 := '1.00';
end;
if combobox5.Text = 'kurang baik' then
begin
    bantu4 := '0.25';
end
else
if combobox5.Text = 'cukup' then
begin
    bantu4 := '0.50';
end
else
if combobox5.Text = 'baik' then
begin
    bantu4 := '0.75';
end
else
if combobox5.Text = 'sangat baik' then
```

```

begin
    bantu4 := '1.00';
end;
if combobox6.Text = 'kurang baik' then
begin
    bantu5 := '0.25';
end
else
if combobox6.Text = 'cukup' then
begin
    bantu5 := '0.50';
end
else
if combobox6.Text = 'baik' then
begin
    bantu5 := '0.75';
end
else
if combobox6.Text = 'sangat baik' then
begin
    bantu5 := '1.00';
end;
tgl := now;
if edit1.Text = '' then
begin
    Application.MessageBox('Anda belum click data pada tabel
!', 'INFORMASI', MB_OK Or MB_ICONSTOP);
end
else
begin
    with adoquery2 do
    begin
        close;
        with SQL do
        begin
            Clear;
            Add('update tbl_penilaian set tgl_penilaian=:tgl,
disiplin_penilaian=:dis, absensi_penilaian=:abs,
kual_kerja_penilaian=:kual, kuan_kerja_penilaian=:kuan,
kerjasama_penilaian=:kersa, perilaku_penilaian=:per where
id_pegawai=:id');
            end;
            parameters.ParamByName('id').Value := edit1.Text;
            parameters.ParamByName('tgl').Value :=
formatdatettime('yyyy-mm-dd', tgl);
            parameters.ParamByName('dis').Value := bantu;
            parameters.ParamByName('abs').Value := bantu1;
            parameters.ParamByName('kual').Value := bantu2;
            parameters.ParamByName('kuan').Value := bantu3;
            parameters.ParamByName('kersa').Value := bantu4;
            parameters.ParamByName('per').Value := bantu5;
            ExecSQL;
        end;
        Application.MessageBox('Data Tersimpan', 'INFORMASI',
mb_OK);
        adoquery1.Requery;
    end;
end;

```

```

end;
form2.adoquery5.active := false;
form2.adoquery5.active := true;
form2.adoquery1.active := false;
form2.adoquery1.active := true;
form2.adoquery2.active := false;
form2.adoquery2.active := true;
form2.adoquery3.active := false;
form2.adoquery3.active := true;
form2.adoquery4.active := false;
form2.adoquery4.active := true;
form14.adoquery1.active := false;
form14.adoquery1.active := true;
end;

procedure TForm11.Button4Click(Sender: TObject);
begin
    if edit1.Text = '' then
    begin
        Application.MessageBox('Anda belum click data pada tabel
!', 'INFORMASI', MB_OK Or MB_ICONSTOP);
    end
    else
    if Application.MessageBox('Apakah anda yakin akan
menghapus data ini !, karna proses ini akan menghapus profil
pegawai juga !', 'INFORMASI', MB_YESNO Or MB_ICONQUESTION) =
IDYES then
    begin
        with adoquery2 do
        begin
            close;
            with SQL do
            begin
                clear;
                add('DELETE FROM tbl_penilaian WHERE id_pegawai
='+quotedstr(edit1.Text));
            end;
            execsql;
            close;
            with SQL do
            begin
                clear;
                add('DELETE FROM tbl_pegawai WHERE id_pegawai
='+quotedstr(edit1.Text));
            end;
            execsql;
            close;
        end;
        adoquery1.Requery();
    end;
    form2.adoquery5.active := false;
    form2.adoquery5.active := true;
    form2.adoquery1.active := false;
    form2.adoquery1.active := true;
    form2.adoquery2.active := false;
    form2.adoquery2.active := true;

```

```

form2.adoquery3.active := false;
form2.adoquery3.active := true;
form2.adoquery4.active := false;
form2.adoquery4.active := true;
form2.adoquery6.Active := false;
form2.adoquery6.Active := true;
form14.adoquery1.active := false;
form14.adoquery1.active := true;
end;

procedure TForm11.DBGrid1CellClick(Column: TColumn);
var a, b, c, d, e, f : String;
begin
  a := dbgrid1.Fields[4].AsString;
  b := dbgrid1.Fields[5].AsString;
  c := dbgrid1.Fields[6].AsString;
  d := dbgrid1.Fields[7].AsString;
  e := dbgrid1.Fields[8].AsString;
  f := dbgrid1.Fields[9].AsString;
  edit1.Text := dbgrid1.Fields[0].AsString;
  if a = '' then
  begin
    combobox1.Text := '';
  end
  else
  begin
    if a = '0.25' then
    begin
      combobox1.Text := 'kurang baik';
    end
    else
    if a = '0.5' then
    begin
      combobox1.Text := 'cukup';
    end
    else
    if a = '0.75' then
    begin
      combobox1.Text := 'baik';
    end
    else
    if a = '1' then
    begin
      combobox1.Text := 'sangat baik';
    end;
  end;
  if b = '' then
  begin
    combobox2.Text := '';
  end
  else
  begin
    if b = '0.25' then
    begin
      combobox2.Text := 'sering bolos';
    end
  end

```

```
else
if b = '0.5' then
begin
  combobox2.Text := 'ijin kurang dari 6 kali';
end
else
if b = '0.75' then
begin
  combobox2.Text := 'ijin 1 kali';
end
else
if b = '1' then
begin
  combobox2.Text := 'nihil';
end;
end;
if c = '' then
begin
  combobox3.Text := '';
end
else
begin
  if c = '0.25' then
begin
  combobox3.Text := 'kurang baik';
end
else
if c = '0.5' then
begin
  combobox3.Text := 'cukup';
end
else
if c = '0.75' then
begin
  combobox3.Text := 'baik';
end
else
if c = '1' then
begin
  combobox3.Text := 'sangat baik';
end;
end;
if d = '' then
begin
  combobox4.Text := '';
end
else
begin
  if d = '0.25' then
begin
  combobox4.Text := 'kurang baik';
end
else
if d = '0.5' then
begin
  combobox4.Text := 'cukup';
```



```
end
else
if d = '0.75' then
begin
  combobox4.Text := 'baik';
end
else
if d = '1' then
begin
  combobox4.Text := 'sangat baik';
end;
end;
  if e = '' then
begin
  combobox5.Text := '';
end
else
begin
  if e = '0.25' then
begin
  combobox5.Text := 'kurang baik';
end
else
if e = '0.5' then
begin
  combobox5.Text := 'cukup';
end
else
if e = '0.75' then
begin
  combobox5.Text := 'baik';
end
else
if e = '1' then
begin
  combobox5.Text := 'sangat baik';
end;
end;
  if f = '' then
begin
  combobox6.Text := '';
end
else
begin
  if f = '0.25' then
begin
  combobox6.Text := 'kurang baik';
end
else
if f = '0.5' then
begin
  combobox6.Text := 'cukup';
end
else
if f = '0.75' then
begin
```

```

        combobox6.Text := 'baik';
    end
    else
    if f = '1' then
    begin
        combobox6.Text := 'sangat baik';
    end;
    end;
end;

procedure TForm11.FormCreate(Sender: TObject);
var i : integer;
begin
    for i := 0 to componentCount - 1 do
    begin
        if components[i] is tcombobox then
            tcombobox(components[i]).Text := '';
        end;
    end;
end.

```

Form 12

```

unit Unit12;

interface

uses
    Winapi.Windows, Winapi.Messages, System.SysUtils,
    System.Variants, System.Classes, Vcl.Graphics,
    Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls;

type
    TForm12 = class(TForm)
        Mem1: TMemo;
        Button1: TButton;
        procedure Button1Click(Sender: TObject);
    private
        { Private declarations }
    public
        { Public declarations }
    end;

var
    Form12: TForm12;

implementation

{$R *.dfm}

procedure TForm12.Button1Click(Sender: TObject);
begin
    form12.Close;
end;

```

```
end.
```

Form 13

```
unit Unit13;

interface

uses
  Winapi.Windows, Winapi.Messages, System.SysUtils,
  System.Variants, System.Classes, Vcl.Graphics,
  Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.Imaging.jpeg,
  Vcl.ExtCtrls,
  Vcl.StdCtrls;

type
  TForm13 = class(TForm)
    Image1: TImage;
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Label6: TLabel;
    Label7: TLabel;
    Label8: TLabel;
    Label9: TLabel;
    Label10: TLabel;
    Label11: TLabel;
    Label12: TLabel;
    Label13: TLabel;
    Label14: TLabel;
    Label15: TLabel;
    Label16: TLabel;
    Label17: TLabel;
    Label18: TLabel;
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  Form13: TForm13;

implementation

{$R *.dfm}

end.
```

Data Tenaga Harian Lepas Tahun 2010

Alternatif	Kriteria					
	C1	C2	C3	C4	C5	C6
A1	1	0,75	0,5	1	0,25	0,75
A2	0,75	1	1	0,5	1	0,5
A3	0,5	1	0,75	0,75	0,75	0,75
A4	0,75	0,5	0,75	0,75	0,75	0,75

Vektor Bobot

Matriks Keputusan X

$$X = \left\{ \begin{array}{cccccc} 1 & 0,75 & 0,75 & 0,5 & 0,75 & 0,75 \\ 0,75 & 1 & 0,75 & 0,75 & 0,5 & 0,5 \\ 0,75 & 0,75 & 0,75 & 0,75 & 0,75 & 0,75 \\ 0,75 & 0,5 & 0,75 & 0,75 & 0,75 & 0,5 \end{array} \right\} \quad (A1)$$

Normalisasi Matriks X (R)

$$R = \left\{ \begin{array}{cccccc} 1,00 & 0,75 & 0,50 & 1,00 & 0,25 & 1,00 \\ 0,75 & 1,00 & 1,00 & 0,50 & 1,00 & 0,67 \\ 0,50 & 1,00 & 0,75 & 0,75 & 0,75 & 1,00 \\ 0,75 & 0,50 & 0,75 & 0,75 & 0,75 & 1,00 \end{array} \right\}$$

Alternatif Terbaik dengan melakukan perankingan terbesar (W * R)

$$V = \left[\begin{array}{c|cccccc} & \text{Vektor Bobot} & & & & & \\ \hline & & \text{w} & & & & \\ \hline & 0,15 & 0,15 & 0,25 & 0,25 & 0,10 & 0,10 \end{array} \right] \times R = \left\{ \begin{array}{cc} 1,00 & 0,75 \\ 0,75 & 1,00 \\ 0,75 & 0,75 \\ 0,75 & 0,50 \end{array} \right\}$$

V1 (HADI) = 0,76

V2 (YUDI) = 0,80

V3 (TOMMY) = 0,78

V4 (JAMIL) = 0,74

w					
0,15	0,15	0,25	0,25	0,10	0,10

$r_{11} = \frac{1,00}{\text{Max} [1,00 \ 0,75 \ 0,50 \ 0,75]} = \frac{1,00}{1,00} =$	1,00
$r_{12} = \frac{0,75}{\text{Max} [0,75 \ 1,00 \ 1,00 \ 0,50]} = \frac{0,75}{1,00} =$	0,75
$r_{13} = \frac{0,50}{\text{Max} [0,50 \ 1,00 \ 0,75 \ 0,75]} = \frac{0,50}{1,00} =$	0,50
$r_{14} = \frac{1,00}{\text{Max} [1,00 \ 0,50 \ 0,75 \ 0,75]} = \frac{1,00}{1,00} =$	1,00
$r_{15} = \frac{0,25}{\text{Max} [0,25 \ 1,00 \ 0,75 \ 0,75]} = \frac{0,25}{1,00} =$	0,25
$r_{16} = \frac{0,75}{\text{Max} [0,75 \ 0,50 \ 0,75 \ 0,75]} = \frac{0,75}{0,75} =$	1,00

(A2)

$r_{21} =$
$r_{22} =$
$r_{23} =$
$r_{24} =$
$r_{25} =$
$r_{26} =$

1,00	0,67
1,00	1,00
1,00	1,00
1,00	1,00

1,00	1,00	}
0,67	0,67	
1,00	1,00	
1,00	0,67	

$\frac{0,75}{\text{Max} [1,00 \ 0,75 \ 0,50 \ 0,75]}$	$= \frac{0,75}{1,00}$	$=$	0,75
$\frac{1,00}{\text{Max} [0,75 \ 1,00 \ 1,00 \ 0,50]}$	$= \frac{1,00}{1,00}$	$=$	1,00
$\frac{1,00}{\text{Max} [0,50 \ 1,00 \ 0,75 \ 0,75]}$	$= \frac{1,00}{1,00}$	$=$	1,00
$\frac{0,50}{\text{Max} [1,00 \ 0,50 \ 0,75 \ 0,75]}$	$= \frac{0,50}{1,00}$	$=$	0,50
$\frac{1,00}{\text{Max} [0,25 \ 1,00 \ 0,75 \ 0,75]}$	$= \frac{1,00}{1,00}$	$=$	1,00
$\frac{0,50}{\text{Max} [0,75 \ 0,50 \ 0,75 \ 0,75]}$	$= \frac{0,50}{0,75}$	$=$	0,67

(A3)

r31 =
r32 =
r33 =
r34 =
r35 =
r36 =

$\frac{0,50}{\text{Max} [1,00 \ 0,75 \ 0,50 \ 0,75]}$	$= \frac{0,50}{1,00}$	$=$	0,50
$\frac{1,00}{\text{Max} [0,75 \ 1,00 \ 1,00 \ 0,50]}$	$= \frac{1,00}{1,00}$	$=$	1,00
$\frac{0,75}{\text{Max} [0,50 \ 1,00 \ 0,75 \ 0,75]}$	$= \frac{0,75}{1,00}$	$=$	0,75
$\frac{0,75}{\text{Max} [1,00 \ 0,50 \ 0,75 \ 0,75]}$	$= \frac{0,75}{1,00}$	$=$	0,75
$\frac{0,75}{\text{Max} [0,25 \ 1,00 \ 0,75 \ 0,75]}$	$= \frac{0,75}{1,00}$	$=$	0,75
$\frac{0,75}{\text{Max} [0,75 \ 0,50 \ 0,75 \ 0,75]}$	$= \frac{0,75}{0,75}$	$=$	1,00

(A4)

r41 =	$\frac{\quad}{\text{Max} [$
r42 =	$\frac{\quad}{\text{Max} [$
r43 =	$\frac{\quad}{\text{Max} [$
r44 =	$\frac{\quad}{\text{Max} [$
r45 =	$\frac{\quad}{\text{Max} [$
r46 =	$\frac{\quad}{\text{Max} [$

$\frac{0,75}{1,00 \ 0,75 \ 0,50 \ 0,75}$	=	$\frac{0,75}{1,00}$	=	0,75
$\frac{0,50}{0,75 \ 1,00 \ 1,00 \ 0,50}$	=	$\frac{0,50}{1,00}$	=	0,50
$\frac{0,75}{0,50 \ 1,00 \ 0,75 \ 0,75}$	=	$\frac{0,75}{1,00}$	=	0,75
$\frac{0,75}{1,00 \ 0,50 \ 0,75 \ 0,75}$	=	$\frac{0,75}{1,00}$	=	0,75
$\frac{0,75}{0,25 \ 1,00 \ 0,75 \ 0,75}$	=	$\frac{0,75}{1,00}$	=	0,75
$\frac{0,75}{0,75 \ 0,50 \ 0,75 \ 0,75}$	=	$\frac{0,75}{0,75}$	=	1,00



**LAPORAN HASIL PERHITUNGAN
PEMBERIAN HADIAH BAGI PEGAWAI TENAGA HARIAN LEPAS
PT. PETROKIMIA KAYAKU**

A. Hasil Perhitungan Sistem Pendukung Keputusan

No	Nama Pegawai	Nilai Kedisiplinan	Nilai Absensi	Nilai Kualitas Kerja	Nilai Kuantitas Kerja	Nilai Kerjasama	Nilai Perilaku	Nilai Total Setelah Normalisasi dan Perhitungan	Rangking
1	Sofiyan	0,5	0,75	1	0,75	0,75	1	0,8	1
2	M Syafik Zamhari	1	1	0,5	0,5	0,75	1	0,72	2
3	M Bukhori	0,5	0,75	0,75	0,75	1	0,5	0,71	3
4	Muslimin	0,75	0,75	0,5	1	0,5	0,5	0,70	4
5	Windik F	1	1	0,25	0,75	1	0,5	0,70	5
6	Ali Safarudin	0,5	1	0,5	0,5	1	1	0,68	6
7	Amirudin Jamil	0,25	0,5	0,75	1	1	0,25	0,68	7
8	Hasyim As,ari	0,75	0,75	0,5	0,75	0,5	0,75	0,66	8
9	Suwondo	0,75	0,25	1	0,75	0,5	0,25	0,66	9
10	Suprpto	0,5	1	0,75	0,5	0,75	0,5	0,66	10
11	Ghofar Ismail	0,75	0,75	0,5	0,75	0,5	0,5	0,64	11
12	Heri Setiawan	0,5	0,75	0,75	0,5	0,5	0,75	0,63	12
13	Kustiono	0,5	0,5	0,5	0,75	0,25	0,75	0,56	13
14	Kusnan	0,5	0,75	0,5	0,25	0,5	0,5	0,47	14
15	Rudy .P.E.Taloedod	0,5	0,25	0,25	0,25	0,75	0,75	0,39	15

B. Hasil Perhitungan Manual

No	Nama Pegawai	Nilai Kedisiplinan	Nilai Absensi	Nilai Kualitas Kerja	Nilai Kuantitas Kerja	Nilai Kerjasama	Nilai Perilaku	Rata-rata	Rangking
1	Sofiyan	0,38	0,57	0,85	0,64	0,7	0,98	0,69	1
2	M Syafik Zamhari	0,91	0,96	0,32	0,37	0,56	0,92	0,67	2
3	Ali Safarudin	0,45	0,94	0,32	0,37	0,87	0,81	0,63	3
4	Windik F	0,85	0,76	0,2	0,61	0,87	0,36	0,61	4
5	Suprpto	0,46	0,83	0,52	0,37	0,74	0,43	0,56	5
6	M Bukhori	0,35	0,58	0,54	0,6	0,88	0,37	0,55	6
7	Hasyim As,ari	0,58	0,58	0,38	0,66	0,36	0,71	0,55	7
8	Muslimin	0,56	0,51	0,42	0,98	0,35	0,39	0,54	8
9	Amirudin Jamil	0,22	0,33	0,55	0,93	0,98	0,2	0,54	9
10	Ghofar Ismail	0,72	0,71	0,37	0,59	0,36	0,43	0,53	10
11	Heri Setiawan	0,42	0,55	0,62	0,37	0,46	0,68	0,52	11
12	Suwondo	0,55	0,2	0,81	0,72	0,44	0,2	0,49	12
13	Kustiono	0,48	0,37	0,28	0,58	0,24	0,71	0,44	13
14	kusnan	0,46	0,72	0,32	0,22	0,27	0,42	0,40	14
15	Rudy .P.E.Taloedod	0,31	0,2	0,23	0,24	0,69	0,54	0,37	15

Catatan Dalam Penilaian

Dari data tersebut terdapat Pegawai yang seharusnya Tidak mendapat hadiah.
Pegawai tersebut bernama :

1.
2.
3.

Dari data tersebut terdapat Pegawai yang seharusnya mendapat hadiah.
Pegawai tersebut bernama :

1.
2.
3.

Gresik,2013
Yang menandatangani

Jabatan :