

Lampiran-lampiran :

Source code untuk form utama :

```
unit form_home;

interface

uses

  Windows, Messages, SysUtils,
  Variants, Classes, Graphics,
  Controls, Forms,
  Dialogs, ExtCtrls, ImgList,
  ComCtrls, ToolWin, StdCtrls,
  jpeg, Menus, DB,
  ADODB, Buttons;

type

  Thome = class(TForm)
    ImageList1: TImageList;
    Timer2: TTimer;
    Timer3: TTimer;
    Timer4: TTimer;
    Timer1: TTimer;
    ImageList2: TImageList;
    MainMenu1: TMainMenu;
    file1: TMenuItem;
    open1: TMenuItem;
    Label2: TLabel;
    menu1: TMenuItem;
    exit1: TMenuItem;
    Panel1: TPanel;
    Panel2: TPanel;
    Image2: TImage;
    Label1: TLabel;
    Label3: TLabel;
    Edit1: TEdit;
    Edit2: TEdit;
    Button1: TButton;
    BitBtn2: TBitBtn;
    ImageList3: TImageList;
    DataSource1: TDataSource;
    ADOConnection1:
TADOConnection;
    ADOTable1: TADOTable;
```

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TADOQuery;
    DataSource_masa: TDataSource;
    ADOQuery_masa: TADOQuery;
    ADOQuery_poin: TADOQuery;
    DataSource_poin: TDataSource;
    ADOQuery_kriterial:
TADOQuery;
    DataSource_kriterial:
TDataSource;
    DataSource_kriteria2:
TDataSource;
    ADOQuery_kriteria2:
TADOQuery;
    DataSource_kriteria3:
TDataSource;
    ADOQuery_kriteria3:
TADOQuery;
    DataSource_kriteria4:
TDataSource;
    ADOQuery_kriteria4:
TADOQuery;
    ADOQuery_kriteria5:
TADOQuery;
    DataSource_kriteria5:
TDataSource;
    Panel21: TPanel;
    Panel22: TPanel;
    Label58: TLabel;
    Memo1: TMemo;
    MonthCalendar1:
TMonthCalendar;
    Timer1: TTimer;
    Panel23: TPanel;
    PageControl6: TPageControl;
    TabSheet1: TTabSheet;
    TabSheet18: TTabSheet;
    Panel1: TPanel;
    SpeedButton1: TSpeedButton;
    SpeedButton2: TSpeedButton;
    SpeedButton3: TSpeedButton;
    Label1: TLabel;
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Label2: TLabel;
Label3: TLabel;
SpeedButton20: TSpeedButton;
Edit1: TEdit;
Edit2: TEdit;
Edit3: TEdit;
Panel3: TPanel;
DBGGrid2: TDBGGrid;
TabSheet2: TTabSheet;
Panel4: TPanel;
DBGGrid1: TDBGGrid;
Panel2: TPanel;
SpeedButton4: TSpeedButton;
SpeedButton5: TSpeedButton;
SpeedButton6: TSpeedButton;
Label4: TLabel;
Label5: TLabel;
Label6: TLabel;
Label7: TLabel;
Label8: TLabel;
Label9: TLabel;
Label10: TLabel;
Label11: TLabel;
Label12: TLabel;
SpeedButton10: TSpeedButton;
DateTimePicker1:
TDateTimePicker;
Edit11: TEdit;
Edit4: TEdit;
Edit5: TEdit;
Edit8: TEdit;
Edit10: TEdit;
Edit12: TEdit;
DBLookupComboBox1:
TDBLookupComboBox;
ComboBox1: TComboBox;
ComboBox3: TComboBox;
TabSheet3: TTabSheet;
Panel5: TPanel;
SpeedButton7: TSpeedButton;
SpeedButton8: TSpeedButton;

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SpeedButton9: TSpeedButton;
Label13: TLabel;
Label14: TLabel;
Label15: TLabel;
SpeedButton23: TSpeedButton;
Edit6: TEdit;
Tahun: TComboBox;
Bulan: TComboBox;
Panel6: TPanel;
DBGGrid3: TDBGGrid;
TabSheet4: TTabSheet;
Panel7: TPanel;
SpeedButton11: TSpeedButton;
SpeedButton12: TSpeedButton;
SpeedButton13: TSpeedButton;
Label18: TLabel;
Label19: TLabel;
Label20: TLabel;
Label21: TLabel;
Label22: TLabel;
Label23: TLabel;
Label24: TLabel;
Label25: TLabel;
Label26: TLabel;
SpeedButton14: TSpeedButton;
Edit13: TEdit;
DBLookupComboBox2:
TDBLookupComboBox;
DBEdit1: TDBEdit;
ComboBox7: TComboBox;
ComboBox8: TComboBox;
ComboBox2: TComboBox;
ComboBox4: TComboBox;
Panel8: TPanel;
DBText1: TDBText;
DBText2: TDBText;
DBText3: TDBText;
Label16: TLabel;
Label17: TLabel;
Label27: TLabel;
DBGGrid5: TDBGGrid;

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TabSheet5: TTabSheet;
Panel17: TPanel;
Label46: TLabel;
Label47: TLabel;
Label48: TLabel;
RadioGroup2: TRadioGroup;
DBEdit9: TDBEdit;
DBEdit10: TDBEdit;
DBEdit11: TDBEdit;
kd_cukup1: TEdit;
kd_sangat1: TEdit;
kd_baik1_a: TEdit;
kd_baik1_b: TEdit;
kd_hasil: TEdit;
Panel14: TPanel;
Label43: TLabel;
Label44: TLabel;
Label45: TLabel;
RadioGroup1: TRadioGroup;
DBEdit6: TDBEdit;
DBEdit7: TDBEdit;
DBEdit8: TDBEdit;
mk_baru1: TEdit;
mk_sedang_a: TEdit;
mk_baru3: TEdit;
mk_sedang_b: TEdit;
mk_hasil: TEdit;
Panel11: TPanel;
SpeedButton18: TSpeedButton;
SpeedButton19: TSpeedButton;
Label31: TLabel;
Label32: TLabel;
Label33: TLabel;
Label34: TLabel;
Label35: TLabel;
Label36: TLabel;
Label37: TLabel;
Label38: TLabel;
SpeedButton21: TSpeedButton;
SpeedButton22: TSpeedButton;
Edit15: TEdit;

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Edit18: TEdit;
Edit19: TEdit;
Edit20: TEdit;
Edit21: TEdit;
Edit22: TEdit;
DBLookupComboBox3:
TDBLookupComboBox;
DBEdit2: TDBEdit;
DBLookupComboBox4:
TDBLookupComboBox;
DBLookupComboBox5:
TDBLookupComboBox;
Panel12: TPanel;
Panel13: TPanel;
Label39: TLabel;
Label40: TLabel;
Label41: TLabel;
DBEdit3: TDBEdit;
DBEdit4: TDBEdit;
DBEdit5: TDBEdit;
Panel15: TPanel;
Label42: TLabel;
Panel16: TPanel;
DBGrid6: TDBGrid;
Panel18: TPanel;
Label49: TLabel;
Label50: TLabel;
Label51: TLabel;
RadioGroup3: TRadioGroup;
DBEdit12: TDBEdit;
DBEdit13: TDBEdit;
DBEdit14: TDBEdit;
abs_cukup1: TEdit;
abs_sangat1: TEdit;
abs_baik1_a: TEdit;
abs_baik1_b: TEdit;
abs_hasil: TEdit;
Panel19: TPanel;
Label52: TLabel;
Label53: TLabel;
Label54: TLabel;

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RadioGroup4: TRadioGroup;
DBEdit15: TDBEdit;
DBEdit16: TDBEdit;
DBEdit17: TDBEdit;
kn_baik1_a: TEdit;
kn_cukup1: TEdit;
kn_sangat1: TEdit;
kn_baik1_b: TEdit;
kn_hasil: TEdit;
Panel20: TPanel;
Label55: TLabel;
Label56: TLabel;
Label57: TLabel;
RadioGroup5: TRadioGroup;
DBEdit18: TDBEdit;
DBEdit19: TDBEdit;
DBEdit20: TDBEdit;
lt_cukup1: TEdit;
lt_baik1_a: TEdit;
lt_baik1_b: TEdit;
lt_hasil: TEdit;
lt_sangat1: TEdit;
TabSheet6: TTabSheet;
Panel9: TPanel;
SpeedButton15: TSpeedButton;
SpeedButton16: TSpeedButton;
SpeedButton17: TSpeedButton;
Label28: TLabel;
Label29: TLabel;
Label30: TLabel;
SpeedButton24: TSpeedButton;
Edit7: TEdit;
Edit9: TEdit;
Edit14: TEdit;
Panel10: TPanel;
DBGrid4: TDBGrid;
Image2: TImage;
SpeedButton25: TSpeedButton;
Image21: TImage;
Image1: TImage;
Image3: TImage;

Image4: TImage;
Image5: TImage;
Image6: TImage;
Image7: TImage;
Image8: TImage;
Image9: TImage;
Image10: TImage;
Image11: TImage;
Image12: TImage;
Image13: TImage;
Image14: TImage;
Image15: TImage;
Image19: TImage;
Image20: TImage;
Image22: TImage;
Image16: TImage;
Image17: TImage;
Image18: TImage;
Image23: TImage;
Memo2: TMemo;
TabSheet7: TTabSheet;
Panel24: TPanel;
Label59: TLabel;
Label60: TLabel;
Label61: TLabel;
SpeedButton26: TSpeedButton;
DBLookupComboBox6:
TDBLookupComboBox;
DBEdit43: TDBEdit;
DBEdit44: TDBEdit;
DBGrid7: TDBGrid;
ADOQuery1: TADOQuery;
ADOQuery_print: TADOQuery;
DataSource1: TDataSource;
DataSource_print:
TDataSource;
RvProject1: TRvProject;
RvDataSetConnection1:
TRvDataSetConnection;
SpeedButton27: TSpeedButton;
ComboBox5: TComboBox;

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    ComboBox6: TComboBox;
    ComboBox9: TComboBox;
    Image24: TImage;
    Image25: TImage;
    procedure
SpeedButton1Click(Sender:
TObject);
    procedure
SpeedButton3Click(Sender:
TObject);
    procedure
DBGrid2CellClick(Column:
TColumn);
    procedure
SpeedButton2Click(Sender:
TObject);
    procedure
SpeedButton7Click(Sender:
TObject);
    procedure
DBGrid3CellClick(Column:
TColumn);
    procedure
SpeedButton8Click(Sender:
TObject);
    procedure
SpeedButton9Click(Sender:
TObject);
    procedure
DBGrid1CellClick(Column:
TColumn);
    procedure
SpeedButton4Click(Sender:
TObject);
    procedure
SpeedButton5Click(Sender:
TObject);
    procedure
SpeedButton6Click(Sender:
TObject);
    procedure

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SpeedButton10Click(Sender:
TObject);
    procedure
DBGrid5CellClick(Column:
TColumn);
    procedure
SpeedButton11Click(Sender:
TObject);
    procedure
SpeedButton12Click(Sender:
TObject);
    procedure
SpeedButton13Click(Sender:
TObject);
    procedure
SpeedButton14Click(Sender:
TObject);
    procedure
SpeedButton15Click(Sender:
TObject);
    procedure
SpeedButton16Click(Sender:
TObject);
    procedure
SpeedButton17Click(Sender:
TObject);
    procedure
DBGrid4CellClick(Column:
TColumn);
    procedure
SpeedButton18Click(Sender:
TObject);
    procedure
DBGrid6CellClick(Column:
TColumn);
    procedure
SpeedButton19Click(Sender:
TObject);
    procedure
SpeedButton22Click(Sender:
TObject);

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    procedure
DBLookupComboBox3Click(Sender:
TObject);
    procedure
SpeedButton21Click(Sender:
TObject);
    procedure Timer1Timer(Sender:
TObject);
    procedure
SpeedButton20Click(Sender:
TObject);
    procedure
SpeedButton25Click(Sender:
TObject);
    procedure
SpeedButton23Click(Sender:
TObject);
    procedure
SpeedButton24Click(Sender:
TObject);
    procedure
SpeedButton26Click(Sender:
TObject);
    procedure
SpeedButton27Click(Sender:
TObject);
    procedure
ComboBox5Click(Sender: TObject);
    procedure
ComboBox5Change(Sender: TObject);
    procedure
ComboBox6Change(Sender: TObject);
    procedure
ComboBox9Change(Sender: TObject);
    procedure
ComboBox6Click(Sender: TObject);
    procedure
ComboBox9Click(Sender: TObject);

private
    { Private declarations }

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public
    { Public declarations }
end;

var
    Home: THome;

implementation

{$R *.dfm}

procedure
THome.ComboBox5Change(Sender:
TObject);
begin
    //edit19.Text:=combobox5.Text;

end;

procedure
THome.ComboBox5Click(Sender:
TObject);
begin
    edit19.Text:=combobox5.Text;
end;

procedure
THome.ComboBox6Change(Sender:
TObject);
begin
    //edit21.Text:=combobox6.Text;

end;

procedure
THome.ComboBox6Click(Sender:
TObject);
begin
    edit21.Text:=combobox6.Text;
end;

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procedure
THome.ComboBox9Change(Sender:
TObject);
begin
//edit22.Text:=combobox9.Text;
end;

procedure
THome.ComboBox9Click(Sender:
TObject);
begin
edit22.Text:=combobox9.Text;
end;

procedure
THome.DBGrid1CellClick(Column:
TColumn);
begin
edit4.Text:=dbgrid1.Fields[0].val
ue;
edit5.Text:=dbgrid1.Fields[1].val
ue;
DBLookupComboBox1.KeyValue:=dbgri
d1.Fields[2].value;
edit11.Text:=dbgrid1.Fields[3].va
lue;
edit8.Text:=dbgrid1.Fields[5].val
ue;
combobox1.Text:=dbgrid1.Fields[6]
.value;
edit10.Text:=dbgrid1.Fields[7].va
lue;
combobox3.Text:=dbgrid1.Fields[8]
.value;
edit12.Text:=dbgrid1.Fields[9].va
lue;
edit11.Visible:=true;
end;

procedure
THome.DBGrid2CellClick(Column:

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TColumn);
begin
edit1.Text:=dbgrid2.Fields[0].val
ue;
edit2.Text:=dbgrid2.Fields[1].val
ue;
edit3.Text:=dbgrid2.Fields[2].val
ue;
end;

procedure
THome.DBGrid3CellClick(Column:
TColumn);
begin
edit6.Text:=dbgrid3.Fields[0].val
ue;
Tahun.Text:=dbgrid3.Fields[1].val
ue;
Bulan.Text:=dbgrid3.Fields[2].val
ue;
end;

procedure
THome.DBGrid4CellClick(Column:
TColumn);
begin
edit7.Text:=dbgrid4.Fields[0].val
ue;
edit9.Text:=dbgrid4.Fields[1].val
ue;
edit14.Text:=dbgrid4.Fields[2].va
lue;
end;

procedure
THome.DBGrid5CellClick(Column:
TColumn);
begin
Dbedit1.Text:=dbgrid5.Fields[0].v
alue;

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edit13.Text:=dbgrid5.Fields[3].value;
DBLookupComboBox2.KeyValue:=dbgrid5.Fields[4].value;
combobox7.Text:=dbgrid5.Fields[6].value;
combobox8.Text:=dbgrid5.Fields[7].value;
combobox2.Text:=dbgrid5.Fields[8].value;
combobox4.Text:=dbgrid5.Fields[9].value;
end;

procedure
THome.DBGrid6CellClick(Column:
TColumn);
begin
edit15.Text:=dbgrid6.Fields[0].value;
dbedit2.Text:=dbgrid6.Fields[1].value;
dblookupcombobox3.KeyValue:=dbgrid6.Fields[4].Value;

edit18.Text:=dbgrid6.Fields[8].value;
edit19.Text:=dbgrid6.Fields[9].value;
edit20.Text:=dbgrid6.Fields[10].value;
edit21.Text:=dbgrid6.Fields[11].value;
edit22.Text:=dbgrid6.Fields[12].value;
combobox5.Text:=edit19.Text;
combobox6.Text:=edit21.Text;
combobox9.Text:=edit22.Text;
end;

procedure

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THome.DBLookupComboBox3Click(Sender: TObject);
var
id_periode,sql:string ;
begin
id_periode:=dbedit2.Text;

sql:='select * from v_absensi';
adoquery_poin.Close;
adoquery_poin.SQL.Text:=sql;
adoquery_poin.ExecSQL;
adoquery_poin.close;
adoquery_poin.SQL.Text:='select *
from v_absensi where id_periode=
'+quotedstr(id_periode)+'';
adoquery_poin.Close;
adoquery_poin.Open;
dblookupcombobox4.KeyValue:=dblookupcombobox3.KeyValue;
edit18.Text:=dblookupcombobox4.text;
dblookupcombobox5.KeyValue:=dblookupcombobox3.KeyValue;
edit20.Text:=dblookupcombobox5.text;
end;

procedure
THome.SpeedButton10Click(Sender:
TObject);
begin
adoquery_karyawan.Close;
adoquery_karyawan.Open;
edit11.Visible:=false;
edit4.Text:='';
edit5.Text:='';
dblookupcombobox1.KeyValue:='';
edit8.Text:='';
ComboBox1.text:='';
edit10.Text:='';
ComboBox3.text:='';
edit12.Text:='';

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end;
procedure
THome.SpeedButton11Click(Sender:
TObject);
var
id_absensi,id_periode,id_karyawan
,masuk,sakit,izin,alpha,sql:string;
begin
id_absensi:= edit13.Text;
id_periode:=dbedit1.Text;
id_karyawan:=dblookupcombobox2.Ke
yValue;
masuk:=combobox7.Text;
sakit:=combobox8.Text;
izin:=combobox2.Text;
alpha:=combobox4.Text;
sql:='Insert into  tb_absensi
values
('+quotedstr(id_absensi)+' ,'+quot
edstr(id_periode)+' ,'+quotedstr(i
d_karyawan)+' ,'+quotedstr(masuk)+
','+quotedstr(sakit)+' ,'+quotedst
r(izin)+' ,'+quotedstr(alpha)+' ,(i
f('+quotedstr(masuk)+'>=25,100,(1
00-
(('+quotedstr(sakit)+'*2)+(+quot
edstr(izin)+'*3)+(+quotedstr(alp
ha)+'*10)))));
adoquery_absensi.Close;
adoquery_absensi.SQL.Text:=sql;
adoquery_absensi.ExecSQL;
adoquery_absensi.close;
adoquery_absensi.SQL.Text:='selec
t * from v_absensi where
id_periode=
'+quotedstr(id_periode)+'';
adoquery_absensi.Close;
adoquery_absensi.Open;
showmessage('...data absensi baru
berhasil disimpan...!!!');

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edit13.Text:='0';
combobox7.Text:='0';
combobox8.Text:='0';
combobox2.Text:='0';
combobox4.Text:='0';
end;
procedure
THome.SpeedButton12Click(Sender:
TObject);
var
id_absensi,id_periode,id_karyawan
,masuk,sakit,izin,alpha,sql:string;
begin
id_absensi:= edit13.Text;
id_periode:=dbedit1.Text;
id_karyawan:=dblookupcombobox2.Ke
yValue;
masuk:=combobox7.Text;
sakit:=combobox8.Text;
izin:=combobox2.Text;
alpha:=combobox4.Text;

sql := 'UPDATE tb_absensi SET
id_absensi
='+quotedstr(id_absensi)+' ,id_per
iode =' +quotedstr(id_periode)+'
 ,id_karyawan='+quotedstr(id_karya
wan)+' ,masuk='+quotedstr(masuk)+'
 ,sakit='+quotedstr(sakit)+' ,izin=
'+quotedstr(izin)+' ,alpha='+quote
dstr(alpha)+' WHERE id_periode
='+quotedstr(id_periode)+' and
id_karyawan
='+quotedstr(id_karyawan)+'';

adoquery_absensi.Close;
adoquery_absensi.SQL.Text:=sql;
adoquery_absensi.ExecSQL;
adoquery_absensi.close;
adoquery_absensi.SQL.Text:='selec

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* from v_absensi where
id_periode=
'+quotedstr(id_periode)+'';
adoquery_absensi.Close;
adoquery_absensi.Open;

showmessage('...data absensi
berhasil di ubah..!!!');

edit13.Text:='0';
combobox7.Text:='0';
combobox8.Text:='0';
combobox2.Text:='0';
combobox4.Text:='0';
end;
procedure
THome.SpeedButton13Click(Sender:
TObject);
var
id_absensi,id_periode,id_karyawan
,sql:string;
begin
if messageDlg('anda yakin
menghapus data absensi ini..?',
               mtConfirmation,
               [mbYes,mbNo],0) =
mrYes Then
id_absensi:= edit13.Text;
id_periode:=dbedit1.Text;
id_karyawan:=dblookupcombobox2.Ke
yValue;
sql := 'DELETE FROM tb_absensi
WHERE id_periode
='+quotedstr(id_periode)+' and
id_karyawan
='+quotedstr(id_karyawan)+'';
adoquery_absensi.Close;
adoquery_absensi.SQL.Text:=sql;
adoquery_absensi.ExecSQL;
adoquery_absensi.close;
adoquery_absensi.SQL.Text:='selec

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* from v_absensi where
id_periode=
'+quotedstr(id_periode)+'';
adoquery_absensi.Close;
adoquery_absensi.Open;
  showmessage('...data absensi
berhasil di ubah..!!!');
edit13.Text:='0';
combobox7.Text:='0';
combobox8.Text:='0';
combobox2.Text:='0';
combobox4.Text:='0';
end;
procedure
THome.SpeedButton14Click(Sender:
TObject);
var
id_periode,sql :string;
begin
edit13.Text:='';
adoquery_vperiode.Close;
adoquery_vperiode.open;
id_periode:=dbedit1.Text;
combobox7.Text:='0';
combobox8.Text:='0';
combobox2.Text:='0';
combobox4.Text:='0';
sql:='select * from v_absensi';
adoquery_absensi.Close;
adoquery_absensi.SQL.Text:=sql;
adoquery_absensi.ExecSQL;
adoquery_absensi.close;
adoquery_absensi.SQL.Text:='selec
t * from v_absensi where
id_periode=
'+quotedstr(id_periode)+'';
adoquery_absensi.Close;
adoquery_absensi.Open;
end;
procedure
THome.SpeedButton15Click(Sender:

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TObject);
var
nip_pegawai,nama_pegawai,user_pas
sword,sql:string      ;
begin
nip_pegawai:=edit7.Text;
nama_pegawai:=edit9.Text;
user_password:=edit14.Text;

sql:='Insert into  tb_admin
values
('+quotedstr(nip_pegawai)+'+', '+quo
tedstr(nama_pegawai)+'+', '+quotedst
r(user_password)+'')';
adoquery_password.Close;
adoquery_password.SQL.Text:=sql;
adoquery_password.ExecSQL;
adoquery_password.close;
adoquery_password.SQL.Text:='sele
ct * from tb_admin';
adoquery_password.Close;
adoquery_password.Open;
showmessage('...data admin baru
berhasil disimpan...!!!');
edit7.Text:='';
edit9.Text:='';
edit14.Text:='';
end;
procedure
THome.SpeedButton16Click(Sender:
TObject);
var
nip_pegawai,nama_pegawai,user_pas
sword,sql:string      ;
begin
nip_pegawai:=edit7.Text;
nama_pegawai:=edit9.Text;
user_password:=edit14.Text;

sql := 'UPDATE tb_admin SET
nip_pegawai

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='+quotedstr(nip_pegawai)+'',nama_
pegawai
='+quotedstr(nama_pegawai)+'
,user_password
='+quotedstr(user_password)+' WHER
E nip_pegawai
='+quotedstr(nip_pegawai)+'';
adoquery_password.Close;
adoquery_password.SQL.Text:=sql;
adoquery_password.ExecSQL;
adoquery_password.close;
adoquery_password.SQL.Text:='sele
ct * from tb_admin';
adoquery_password.Close;
adoquery_password.Open;
showmessage('...data admin baru
berhasil di Ubah...!!!');
edit7.Text:='';
edit9.Text:='';
edit14.Text:='';
end;
procedure
THome.SpeedButton17Click(Sender:
TObject);
var
nip_pegawai,sql:string;
begin
if messageDlg('anda yakin
menghapus data admin ini..?',
mtConfirmation,
[mbYes,mbNo],0) =
mrYes Then
nip_pegawai:= edit7.Text;
sql := 'DELETE FROM tb_admin
WHERE nip_pegawai=
'+quotedstr(nip_pegawai)+'';
adoquery_password.Close;
adoquery_password.SQL.Text:=sql;
adoquery_password.ExecSQL;
adoquery_password.close;
adoquery_password.SQL.Text:='sele

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* from tb_admin';
adoquery_password.Close;
adoquery_password.Open;
edit7.Text:='';
edit9.Text:='';
edit14.Text:='';
end;
procedure
THome.SpeedButton18Click(Sender:
TObject);
var
id_nilai,id_periode,id_karyawan,m
asa_kerja,kedisiplinan,absensi,ki
nerja,loyalitas,mk_baru2,mk_sedan
g2,mk_sedang3,mk_sedang_akhir,mk_
lama2,kd_cukup2,kd_baik2,kd_baik3
,kd_baik_akhir,kd_sangat2,abs_cuk
up2,abs_baik2,abs_baik3,abs_baik_
akhir,abs_sangat2,kn_cukup2,kn_ba
ik2,kn_baik3,kn_baik_akhir,kn_san
gat2,lt_cukup2,lt_baik2,lt_baik3,
lt_baik_akhir,lt_sangat2,sql:stri
ng;
rm2_a,rm2_b,mk_baru22,rm1,rm3,mk,
mk_baru,mk_sedang,mk_lama,mk_l,mk
_2,kd,kd1,kd2_a,kd2_b,kd3,kd_cuku
p,kd_baik,kd_sangat,abs,abs1,abs2
_a,abs2_b,abs3,abs_cukup,abs_baik
,abs_sangat,kn,kn1,kn2_a,kn2_b,kn
3,kn_cukup,kn_baik,kn_sangat,lt,l
t1,lt2_a,lt2_b,lt3,lt_cukup,lt_ba
ik,lt_sangat:real;
begin
id_nilai:=edit15.Text;
id_periode:=dbedit2.Text;
id_karyawan:=dbLookupcombobox3.Ke
yValue;
masa_kerja:=edit18.Text;
kedisiplinan:=edit19.Text;
absensi:=edit20.Text;
kinerja:=edit21.Text;

```

```

loyalitas:=edit22.Text;

mk:=StrToFloat(Edit18.Text);
mk_baru:=strToFloat(dbedit6.Text)
;
mk_sedang:=strToFloat(dbedit7.Tex
t);
mk_lama:=strToFloat(dbedit8.Text)
;
// rumus Perhitungan Fungsi
Keanggotaan Fuzzy
//Rumus Fungsi Keanggotaan Masa
Kerja
rm1 := ((mk_sedang-
mk)/(mk_sedang-mk_baru)) ;
rm3 := ((mk-
mk_sedang)/(mk_lama-mk_sedang)) ;
rm2_a:= (mk-(mk_sedang-
mk_baru))/(mk_sedang-(mk_sedang-
mk_baru)) ;
rm2_b:= ((mk_sedang+mk_baru)-
mk)/ ((mk_sedang+mk_baru)-
mk_sedang );
//perhitungan bobot masa kerja
baru
if mk > mk_lama then
mk_barul.text:='0';
if mk > mk_sedang then
mk_barul.text:='0'
else
mk_barul.text:=FloatToStr(rm1) ;
if mk < mk_baru then
mk_barul.text:='1' ;
mk_baru2:=mk_barul.Text;

//perhitungan bobot masa kerja
Sedang
if mk <= mk_baru then
mk_sedang_a.text:='0' ;
if mk < (mk_sedang-mk_baru) then
mk_sedang_a.text:='0'

```

```

else
mk_sedang_a.text:=FloattoStr(rm2_
a) ;
if mk > (mk_sedang)then
mk_sedang_a.text:='1' ;
if mk > mk_lama then
mk_sedang_a.text:='1' ;

//if mk > (mk_sedang+mk_baru)
then mk_sedang_b.text:='1' ;
//if mk < mk_sedang then
mk_sedang_b.text:='1'
//else
mk_sedang_b.text:=FloattoStr(rm2_
b) ;
//if mk > mk_lama then
mk_sedang_b.text:='0' ;

if mk < mk_baru then
mk_sedang_b.text:='1' ;
if mk < mk_sedang then
mk_sedang_b.text:='1'
else
mk_sedang_b.text:=FloattoStr(rm2_
b) ;
if mk > mk_lama then
mk_sedang_b.text:='0' ;
if mk > ((mk_sedang+mk_lama)/2)
then mk_sedang_b.text:='0' ;

if mk < mk_baru then
mk_sedang_b.text:='1' ;

mk_sedang3:=mk_sedang_b.Text;
mk_sedang2:=mk_sedang_a.Text;

if mk_sedang2 < mk_sedang3 then
mk_hasil.text:= (mk_sedang2)
else mk_hasil.text:=(mk_sedang3)
;
mk_sedang_akhir:=mk_hasil.text
;
//perhitungan bobot masa kerja
lama
if mk < mk_baru then
mk_baru3.text:='0' ;
if mk < mk_sedang then
mk_baru3.text:='0'
else
mk_baru3.text:=FloattoStr(rm3) ;
if mk > mk_lama then
mk_baru3.text:='1' ;
mk_lama2:=mk_baru3.Text;
// Perhitungan Fungsi Keanggotaan
Kedisiplinan
kd:=StrToFloat(Edit19.Text);
kd_cukup:=strToFloat(dbedit9.Text
);
kd_baik:=strToFloat(dbedit10.Text
);
kd_sangat:=strToFloat(dbedit11.Te
xt);
kd1:=((kd_baik-kd)/(kd_baik-
kd_cukup)) ;
kd3 := ((kd-
kd_baik)/(kd_sangat-kd_baik)) ;
kd2_a:= (kd-
((kd_baik+kd_cukup)/2))/(kd_baik-
((kd_baik+kd_cukup)/2)) ;
kd2_b:=
(((kd_baik+kd_sangat)/2)-kd)/
(((kd_baik+kd_sangat)/2)-kd_baik
);
// Perhitungan bobot Kedisiplinan
cukup
if kd > kd_sangat then
kd_cukup1.text:='0';
if kd > kd_baik then
kd_cukup1.text:='0'
else
kd_cukup1.text:=FloattoStr(kd1) ;
if kd < kd_cukup then

```

```

kd_cukup1.text:='1' ;
kd_cukup2:=kd_cukup1.Text;
//perhitungan bobot Kedisiplinan
Baik
if kd < kd_cukup then
kd_baik1_a.text:='0' ;
if kd < ((kd_baik+kd_cukup)/2)
then kd_baik1_a.text:='0'
else
kd_baik1_a.text:=FloattoStr(kd2_a
) ;
if kd > (kd_baik)then
kd_baik1_a.text:='1' ;
if kd > kd_sangat then
kd_baik1_a.text:='1' ;

kd_baik2:=kd_baik1_a.Text;

if kd < kd_cukup then
kd_baik1_b.text:='1' ;
if kd < kd_baik then
kd_baik1_b.text:='1'
else
kd_baik1_b.text:=FloattoStr(kd2_b
) ;
if kd > kd_sangat then
kd_baik1_b.text:='0' ;
if kd > ((kd_baik+kd_sangat)/2)
then kd_baik1_b.text:='0' ;
kd_baik3:=kd_baik1_b.Text;
if kd_baik2< kd_baik3 then
kd_hasil.text:= (kd_baik2)
else kd_hasil.text:=(kd_baik3) ;
kd_baik_akhir:=kd_hasil.text ;
//perhitungan bobot kediplinan
sangat baik
if kd < kd_cukup then
kd_sangat1.text:='0' ;
if kd < kd_baik then
kd_sangat1.text:='0'
else

```

```

kd_sangat1.text:=FloattoStr(kd3)
;
if kd> kd_sangat then
kd_sangat1.text:='1' ;
kd_sangat2:=kd_sangat1.Text;
// Perhitungan Fungsi
Keanggotaan Absensi
abs:=StrToFloat(Edit20.Text);
abs_cukup:=strToFloat(dbedit12.Te
xt);
abs_baik:=strToFloat(dbedit13.Tex
t);
abs_sangat:=strToFloat(dbedit14.T
ext);
abs1:=((abs_baik-abs)/(abs_baik-
abs_cukup)) ;
abs3 := ((abs-
abs_baik)/(abs_sangat-abs_baik))
;
abs2_a:= (abs-
((abs_baik+abs_cukup)/2))/(abs_ba
ik-((abs_baik+abs_cukup)/2)) ;
abs2_b:=
(((abs_baik+abs_sangat)/2)-abs)/
(((abs_baik+abs_sangat)/2)-
abs_baik );

//perhitungan bobot Absensi
if abs > abs_sangat then
abs_cukup1.text:='0';
if abs > abs_baik then
abs_cukup1.text:='0'
else
abs_cukup1.text:=FloattoStr(abs1)
;
if abs < abs_cukup then
abs_cukup1.text:='1' ;
abs_cukup2:=abs_cukup1.Text;
//perhitungan bobot Absensi Baik
if abs< abs_cukup then
abs_baik1_a.text:='0' ;

```

```

if abs < ((abs_baik+abs_cukup)/2)
then abs_baik1_a.text:='0'
else
abs_baik1_a.text:=FloatToStr(abs2
_a) ;
if abs > (abs_baik)then
abs_baik1_a.text:='1' ;
if abs > abs_sangat then
abs_baik1_a.text:='1' ;
abs_baik2:=abs_baik1_a.Text;
if abs < abs_cukup then
abs_baik1_b.text:='1' ;
if abs< abs_baik then
abs_baik1_b.text:='1'
else
abs_baik1_b.text:=FloatToStr(abs2
_b) ;
if abs > abs_sangat then
abs_baik1_b.text:='0' ;
  if abs >
((abs_baik+abs_sangat)/2) then
abs_baik1_b.text:='0' ;
abs_baik3:=abs_baik1_b.Text;
if abs_baik2< abs_baik3 then
abs_hasil.text:= (abs_baik2)
else abs_hasil.text:=(abs_baik3)
;
abs_baik_akhir:=abs_hasil.text
;
//perhitungan bobot Abs sangat
baik
if abs < abs_cukup then
abs_sangat1.text:='0' ;
if abs < abs_baik then
abs_sangat1.text:='0'
else
abs_sangat1.text:=FloatToStr(abs3
) ;
if abs > abs_sangat then
abs_sangat1.text:='1' ;
abs_sangat2:= abs_sangat1.Text;

```

```

// Perhitungan Fungsi Keanggotaan
Kinerja
kn:=StrToFloat(Edit21.Text);
kn_cukup:=strToFloat(dbedit15.Text);
kn_baik:=strToFloat(dbedit16.Text);
kn_sangat:=strToFloat(dbedit17.Text);
kn1:=((kn_baik-kn)/(kn_baik-
kn_cukup)) ;
kn3 := ((kn-
kn_baik)/(kn_sangat-kn_baik)) ;
kn2_a:= (kn-
((kn_baik+kn_cukup)/2))/(kn_baik-
((kn_baik+kn_cukup)/2)) ;
kn2_b:=
(((kn_baik+kn_sangat)/2)-kn)/
(((kn_baik+kn_sangat)/2)-kn_baik
);
// Perhitungan bobot Kinerja
cukup
if kn > kn_sangat then
kn_cukup1.text:='0';
if kn > kn_baik then
kn_cukup1.text:='0'
else
kn_cukup1.text:=FloatToStr(kn1) ;
if kn < kn_cukup then
kn_cukup1.text:='1' ;
kn_cukup2:=kn_cukup1.Text;
//perhitungan bobot Kinerja Baik
if kn < kn_cukup then
kn_baik1_a.text:='0' ;
if kn < ((kn_baik+kn_cukup)/2)
then kn_baik1_a.text:='0'
else
kn_baik1_a.text:=FloatToStr(kn2_a
) ;
if kn > (kn_baik)then
kn_baik1_a.text:='1' ;

```

```

if kn > kn_sangat then
kn_baik1_a.text:='1' ;
kn_baik2:=kn_baik1_a.Text;
if kn < kn_cukup then
kn_baik1_b.text:='1' ;
if kn < kn_baik then
kn_baik1_b.text:='1'
else
kn_baik1_b.text:=FloattoStr(kn2_b
) ;
if kn > kn_sangat then
kn_baik1_b.text:='0' ;
if kn > ((kn_baik+kd_sangat)/2)
then kn_baik1_b.text:='0' ;
kn_baik3:=kn_baik1_b.Text;
if kn_baik2< kn_baik3 then
kn_hasil.text:= (kn_baik2)
else kn_hasil.text:=(kn_baik3) ;
kn_baik_akhir:=kn_hasil.text ;
//perhitungan bobot kinerja
sangat baik
if kn < kn_cukup then
kn_sangat1.text:='0' ;
if kn < kn_baik then
kn_sangat1.text:='0'
else
kn_sangat1.text:=FloattoStr(kn3)
;
if kn> kn_sangat then
kn_sangat1.text:='1' ;
kn_sangat2:=kn_sangat1.Text;
// Perhitungan Fungsi Keanggotaan
Loyalitas
lt:=StrToFloat(Edit22.Text);
lt_cukup:=strToFloat(dbedit18.Text);
lt_baik:=strToFloat(dbedit19.Text);
lt_sangat:=strToFloat(dbedit20.Te
xt);

```

```

lt1:=((lt_baik-lt)/(lt_baik-
lt_cukup)) ;
lt3 := ((lt-
lt_baik)/(lt_sangat-lt_baik)) ;
lt2_a:= (lt-
((lt_baik+lt_cukup)/2))/(lt_baik-
((lt_baik+lt_cukup)/2)) ;
lt2_b:=
(((lt_baik+lt_sangat)/2)-lt)/
(((lt_baik+lt_sangat)/2)-lt_baik
);
// Perhitungan bobot loyalitas
cukup
if lt > lt_sangat then
lt_cukup1.text:='0';
if lt > lt_baik then
lt_cukup1.text:='0'
else
lt_cukup1.text:=FloattoStr(lt1) ;
if lt < lt_cukup then
lt_cukup1.text:='1' ;
lt_cukup2:=lt_cukup1.Text;
//perhitungan bobot Loyalitas
Baik
if lt < lt_cukup then
lt_baik1_a.text:='0' ;
if lt < ((lt_baik+lt_cukup)/2)
then lt_baik1_a.text:='0'
else
lt_baik1_a.text:=FloattoStr(lt2_a
) ;
if lt > (lt_baik)then
lt_baik1_a.text:='1' ;
if lt > lt_sangat then
lt_baik1_a.text:='1' ;
lt_baik2:=lt_baik1_a.Text;
if lt < lt_cukup then
lt_baik1_b.text:='1' ;
if lt < lt_baik then
lt_baik1_b.text:='1'
else

```



```

lt_baik1_b.text:=FloatToStr(lt2_b
) ;
if lt > lt_sangat then
lt_baik1_b.text:='0' ;
if lt > ((lt_baik+lt_sangat)/2)
then lt_baik1_b.text:='0' ;
lt_baik3:=lt_baik1_b.Text;
if lt_baik2< lt_baik3 then
lt_hasil.text:= (lt_baik2)
else lt_hasil.text:=(lt_baik3) ;
lt_baik_akhir:=lt_hasil.text ;
//perhitungan bobot Loyalitas
sangat baik
if lt < lt_cukup then
lt_sangat1.text:='0' ;
if lt < lt_baik then
lt_sangat1.text:='0'
else
lt_sangat1.text:=FloatToStr(lt3)
;
if lt > lt_sangat then
lt_sangat1.text:='1' ;
lt_sangat2:=lt_sangat1.Text;
sql:='Insert into tb_penilaian
values
('+quotedstr(id_nilai)+'+'+quoted
str(id_periode)+'+'+quotedstr(id_
karyawan)+'+'+quotedstr(masa_kerj
a)+'+'+quotedstr(kedisiplinan)+'
'+quotedstr(absensi)+'+'+quotedst
r(kinerja)+'+'+quotedstr(loyalita
s)+'+'+quotedstr(mk_baru2)+'+'+qu
otedstr(mk_sedang_akhir)+'+'+quot
edstr(mk_lama2)+'+'+quotedstr(kd_
cukup2)+'+'+quotedstr(kd_baik_akh
ir)+'+'+quotedstr(kd_sangat2)+'
'+quotedstr(abs_cukup2)+'+'+quoted
str(abs_baik_akhir)+'+'+quotedstr
(abs_sangat2)+'+'+quotedstr(kn_cu
kup2)+'+'+quotedstr(kn_baik_akhir
)+'+'+quotedstr(kn_sangat2)+'+'+q

```

```

utedstr(lt_cukup2)+'+'+quotedstr
(lt_baik_akhir)+'+'+quotedstr(lt_
sangat2)+'+');
adoquery_penilaian.Close;
adoquery_penilaian.SQL.Text:=sql;
adoquery_penilaian.ExecSQL;
adoquery_penilaian.close;
adoquery_penilaian.SQL.Text:='sel
ect * from v_penilaian where
id_periode='+quotedstr(id_periode
)+'';
adoquery_penilaian.Close;
adoquery_penilaian.Open;
showmessage('...data penilaian
baru berhasil disimpan...!!!');
edit15.Text:='';
edit18.Text:='';
edit19.Text:='';
edit20.Text:='';
edit21.Text:='';
edit22.Text:='';
dbLookupcombobox3.KeyValue:='';

end;

procedure
THome.SpeedButton19Click(Sender:
TObject);
var
id_nilai,id_periode,id_karyawan,m
asa_kerja,kedisiplinan,absensi,ki
nerja,loyalitas,sql:string;
begin
id_nilai:=edit15.Text;
id_periode:=dbedit2.Text;
id_karyawan:=dbLookupcombobox3.Ke
yValue;
masa_kerja:=edit18.Text;
kedisiplinan:=edit19.Text;
absensi:=edit20.Text;

```

```

kinerja:=edit21.Text;
loyalitas:=edit22.Text;
sql := 'UPDATE tb_penilaian SET
id_nilai
='+quotedstr(id_nilai)+' ,id_perio
de =' +quotedstr(id_periode)+'
 ,id_karyawan='+quotedstr(id_karya
wan)+' ,masa_kerja='+quotedstr(mas
a_kerja)+' ,kedisiplinan='+quote
dstr(kedisiplinan)+' ,absensi='+quote
dstr(absensi)+' ,kinerja='+quoteds
tr(kinerja)+' ,loyalitas='+quoteds
tr(loyalitas)+' WHERE id_periode
='+quotedstr(id_periode)+' and
id_karyawan
='+quotedstr(id_karyawan)+'';
adoquery_penilaian.Close;
adoquery_penilaian.SQL.Text:=sql;
adoquery_penilaian.ExecSQL;
adoquery_penilaian.close;
adoquery_penilaian.SQL.Text='sel
ect * from v_penilaian where
id_periode='+quotedstr(id_periode
)+'';
adoquery_penilaian.Close;
adoquery_penilaian.Open;
showmessage('...data penilaian
berhasil di Ubah...!!!');

edit15.Text:='';
edit18.Text:='';
edit19.Text:='';
edit20.Text:='';
edit21.Text:='';
edit22.Text:='';
dbLookupcombobox3.KeyValue:='';

end;

procedure
THome.SpeedButton1Click(Sender:

```

```

TObject);
var
id_bagian,posisi,poin,sql:string;
begin
id_bagian:=edit1.Text;
posisi:=edit2.Text;
poin:=edit3.Text;
sql:='Insert into tb_bagian
values
('+quotedstr(id_bagian)+' ,'+quote
dstr(posisi)+' ,'+quotedstr(poin)+
)';
adoquery_bagian.Close;
adoquery_bagian.SQL.Text:=sql;
adoquery_bagian.ExecSQL;
adoquery_bagian.close;
adoquery_bagian.SQL.Text='select
* from tb_bagian';
adoquery_bagian.Close;
adoquery_bagian.Open;
showmessage('...data bagian baru
berhasil disimpan...!!!');

edit1.Text:='';
edit2.Text:='';
edit3.Text:='';

end;

procedure
THome.SpeedButton20Click(Sender:
TObject);
begin
edit1.Text:='';
edit2.Text:='';
edit3.Text:='';

end;

```