

FORM MENU UTAMA

```
unit UMenuUtama;
```

```
interface
```

```
uses
```

```
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,  
  Dialogs, Menus, StdCtrls, Buttons, ExtCtrls;
```

```
type
```

```
  TFormMenu = class(TForm)
```

```
    MainMenu1: TMainMenu;
```

```
    Karyawan1: TMenuItem;
```

```
    DataKaryawan1: TMenuItem;
```

```
    SPK1: TMenuItem;
```

```
    PerhitunganGaji1: TMenuItem;
```

```
    Aplikasi1: TMenuItem;
```

```
    Keluar1: TMenuItem;
```

```
    Cetak1: TMenuItem;
```

```
    PerkiraanGaji1: TMenuItem;
```

```
    Shape1: TShape;
```

```
    BitBtn1: TBitBtn;
```

```
    Label1: TLabel;
```

```
    BitBtn2: TBitBtn;
```

```
    Label2: TLabel;
```

```
    BitBtn3: TBitBtn;
```

```
    Label3: TLabel;
```

```
    BitBtn4: TBitBtn;
```

```
    Label4: TLabel;
```

```
    Label5: TLabel;
```

```
    Label6: TLabel;
```

```
    procedure Keluar1Click(Sender: TObject);
```

```
    procedure DataKaryawan1Click(Sender: TObject);
```

```
    procedure PerhitunganGaji1Click(Sender: TObject);
```

```
    procedure PerkiraanGaji1Click(Sender: TObject);
```

```
    procedure BitBtn4Click(Sender: TObject);
```

```
    procedure BitBtn1Click(Sender: TObject);
```

```
    procedure BitBtn2Click(Sender: TObject);
```

```
    procedure BitBtn3Click(Sender: TObject);
```

```
private
```

```
  { Private declarations }
```

```
public
```

```

    { Public declarations }
end;

var
    FormMenu: TFormMenu;

implementation

uses UKaryawan, UHitung, UCetak;

{$R *.dfm}

procedure TFormMenu.Keluar1Click(Sender: TObject);
begin
    Application.Terminate;
end;

procedure TFormMenu.DataKaryawan1Click(Sender: TObject);
begin
    FormKaryawan:=TFormKaryawan.Create(Self);
    FormKaryawan.ShowModal;
end;

procedure TFormMenu.PerhitunganGaji1Click(Sender: TObject);
begin
    FormGaji:=TFormGaji.Create(Self);
    FormGaji.ShowModal;
end;

procedure TFormMenu.PerkiraanGaji1Click(Sender: TObject);
begin
    FormCetak.ADOQueryGaji.SQL.Clear;
    FormCetak.ADOQueryGaji.SQL.Text:='SELECT * FROM VWGAJI';
    FormCetak.ADOQueryGaji.Close;
    FormCetak.ADOQueryGaji.Open;
    FormCetak.QuickRep1.Preview;
end;

procedure TFormMenu.BitBtn4Click(Sender: TObject);
begin
    Application.Terminate;
end;

```

```
procedure TFormMenu.BitBtn1Click(Sender: TObject);  
begin  
FormKaryawan:=TFormKaryawan.Create(Self);  
  FormKaryawan.ShowModal;  
end;
```

```
procedure TFormMenu.BitBtn2Click(Sender: TObject);  
begin  
FormGaji:=TFormGaji.Create(Self);  
  FormGaji.ShowModal;  
end;
```

```
procedure TFormMenu.BitBtn3Click(Sender: TObject);  
begin  
FormCetak.ADOQueryGaji.SQL.Clear;  
  FormCetak.ADOQueryGaji.SQL.Text:='SELECT * FROM VWGAJI';  
  FormCetak.ADOQueryGaji.Close;  
  FormCetak.ADOQueryGaji.Open;  
  FormCetak.QuickRep1.Preview;  
end;
```

```
end.
```

FORM KARYAWAN

```
unit UKaryawan;
```

```
interface
```

```
uses
```

```
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,  
Dialogs, StdCtrls, Buttons, ExtCtrls, Grids, DBGrids, ComCtrls, DB, ADODB;
```

```
type
```

```
TFormKaryawan = class(TForm)
```

```
  Panel1: TPanel;
```

```
  Label1: TLabel;
```

```
  EdNIK: TEdit;
```

```
  EdNama: TEdit;
```

```
  Label2: TLabel;
```

```
  BitBtn1: TBitBtn;
```

```
  Label3: TLabel;
```

```
  DtmTglLahir: TDateTimePicker;
```

```
  EdTmpLahir: TEdit;
```

```
  Label4: TLabel;
```

```
  DBGrid1: TDBGrid;
```

```
  BitBtn2: TBitBtn;
```

```
  BitBtn3: TBitBtn;
```

```
  BitBtn4: TBitBtn;
```

```
  Label5: TLabel;
```

```
  CbPosisi: TComboBox;
```

```

BitBtn5: TBitBtn;
ADOConnection1: TADOConnection;
ADOQuery1: TADOQuery;
DataSource1: TDataSource;
procedure BitBtn5Click(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure BitBtn1Click(Sender: TObject);
procedure BitBtn2Click(Sender: TObject);
private
  { Private declarations }
public
  procedure tabel;
  procedure bersih;
  { Public declarations }
end;

var
  FormKaryawan: TFormKaryawan;

implementation

{$R *.dfm}

procedure TFormKaryawan.bersih;
begin
  EdNIK.Clear;
  EdNama.Clear;
  EdTmpLahir.Clear;
  DtmTglLahir.Date:=now;
  CbPosisi.Text:='Pilih';
end;

procedure TFormKaryawan.BitBtn5Click(Sender: TObject);
begin
  close;
end;

procedure TFormKaryawan.FormCreate(Sender: TObject);
begin
  tabel;
  bersih;
end;

```

```

procedure TFormKaryawan.tabel;
begin
  ADOQuery1.Connection:=ADOConnection1;
  ADOQuery1.SQL.Clear;
  ADOQuery1.SQL.Text:='select * from tblkaryawan';
  ADOQuery1.Close;
  ADOQuery1.Open;
  DataSource1.DataSet:=ADOQuery1;
  DBGrid1.DataSource:=DataSource1;
end;

procedure TFormKaryawan.BitBtn1Click(Sender: TObject);
begin
  bersih;
  EdNIK.SetFocus;
end;

procedure TFormKaryawan.BitBtn2Click(Sender: TObject);
begin
  if(EdNIK.Text="")or(EdTmpLahir.Text="")then
  begin
    ShowMessage('Lengkapi Data...');
    exit;
  end
  else
  begin
    ADOQuery1.SQL.Clear;
    ADOQuery1.SQL.Text:='SELECT * FROM TBLKARYAWAN WHERE
NIK='+QuotedStr(EdNIK.Text);
    ADOQuery1.Close;
    ADOQuery1.Open;

    if(ADOQuery1.Recordset.RecordCount<>0)then
    begin
      ShowMessage('Data Karyawan Sudah Ada...');
      tabel;
      exit;
    end
    else
    begin
      ADOQuery1.SQL.Clear;
      ADOQuery1.SQL.Text:='INSERT INTO TBLKARYAWAN VALUES
('+QuotedStr(EdNIK.Text)+'+',

```

```
QuotedStr(EdNama.Text)+' '+QuotedStr(EdTmpLahir.Text)+' '+FormatDateTime('y  
yyy/MM/dd',DtmTglLahir.Date)+' '+  
    QuotedStr(CbPosisi.Text)+'';  
ADOQuery1.ExecSQL;
```

FORM PENGAJIAN

unit UHitung;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, StdCtrls, Grids, DBGrids, Buttons, DB, ADODB, ExtCtrls;

type

```
TFormGaji = class(TForm)
  DBGrid1: TDBGrid;
  Label1: TLabel;
  Label3: TLabel;
  Label4: TLabel;
  Label5: TLabel;
  EdNomor: TEdit;
  EdNIK: TEdit;
  EdNama: TEdit;
  EdPosisi: TEdit;
  Label6: TLabel;
  CBPengalaman: TComboBox;
  Label7: TLabel;
  Label8: TLabel;
  Label9: TLabel;
  Label10: TLabel;
  EdUBaru: TEdit;
  EdUSedang: TEdit;
  EdUlama: TEdit;
  CBPendidikan: TComboBox;
  Label11: TLabel;
  Label12: TLabel;
  Label13: TLabel;
  EdUSMA: TEdit;
  EdUD1: TEdit;
  EdUS1: TEdit;
  Label14: TLabel;
  CBKeahlian: TComboBox;
  Label15: TLabel;
  Label16: TLabel;
  Label17: TLabel;
  Label18: TLabel;
  EdUPemula: TEdit;
  EdUPengguna: TEdit;
  EdUMahir: TEdit;
  CBTanggung: TComboBox;
  Label19: TLabel;
  Label20: TLabel;
  Label21: TLabel;
  EdUTidak: TEdit;
  EdUSatu: TEdit;
  EdUDua: TEdit;
  Label2: TLabel;
```



```

CBGajiMinimal: TComboBox;
Label22: TLabel;
CBGajiMak: TComboBox;
EdGaji: TEdit;
Label23: TLabel;
ADOConnection1: TADOConnection;
ADOQueryKARYAWAN: TADOQuery;
ADOQueryGAJI: TADOQuery;
DataSource1: TDataSource;
DBGrid2: TDBGrid;
Label24: TLabel;
DataSource2: TDataSource;
BitBtn5: TBitBtn;
Label26: TLabel;
EdA: TEdit;
Label27: TLabel;
EdZ: TEdit;
Panel1: TPanel;
BitBtn1: TBitBtn;
BitBtn2: TBitBtn;
BitBtn3: TBitBtn;
BitBtn4: TBitBtn;
procedure BitBtn4Click(Sender: TObject);
procedure CBKeahlianChange(Sender: TObject);
procedure CBTanggungChange(Sender: TObject);
procedure CBPendidikanChange(Sender: TObject);
procedure CBPengalamanChange(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure bersih;
procedure DBGrid1CellClick(Column: TColumn);
procedure BitBtn1Click(Sender: TObject);
procedure BitBtn5Click(Sender: TObject);
Function Miness (a,b,c,d:Real; var min :Real):Real;
procedure BitBtn2Click(Sender: TObject);
procedure DBGrid2CellClick(Column: TColumn);
procedure BitBtn3Click(Sender: TObject);
private
  { Private declarations }
public
  procedure Baru;
  procedure sedang;
  procedure lama;
  procedure koneksikaryawan;

```

```
procedure konesigaji;  
  { Public declarations }  
end;
```

```
var
```

```
  FormGaji: TFormGaji;  
  pengalaman,ubaru,usedang,ulama : real;  
  pendidikan,usma,ud3,us1 : real;  
  keahlian,UPemula,UPengguna,UMahir : real;  
  tanggungan, UTidak,USatu,UDua : real;
```

```
  min, mak, kecil: real;  
  a1,a2,a3,a4,a5,a6,a7,a8,a9,a10,a11,a12,a13,a14,a15 : real;  
  a16,a17,a18,a19,a20,a21,a22,a23,a24,a25,a26,a27,a28,a29,a30 : real;  
  a31,a32,a33,a34,a35,a36,a37,a38,a39,a40,a41,a42,a43,a44,a45 : real;  
  a46,a47,a48,a49,a50,a51,a52,a53,a54,a55,a56,a57,a58,a59,a60 : real;  
  a61,a62,a63,a64 : real;
```

```
implementation
```

```
{ $R *.dfm }
```

```
procedure TFormGaji.BitBtn4Click(Sender: TObject);  
begin  
  close;  
end;
```

```
procedure TFormGaji.CBKeahlianChange(Sender: TObject);  
begin  
  if(CBKeahlian.ItemIndex=0)then  
  begin  
    UPemula:=0.5;  
    UPengguna:=0;  
    UMahir:=0;  
  end  
  else  
  if(CBKeahlian.ItemIndex=1)then  
  begin  
    UPemula:=0;  
    UPengguna:=0.75;  
    UMahir:=0;  
  end  
  else  
  if(CBKeahlian.ItemIndex=2)then
```

```

begin
  UPemula:=0;
  UPengguna:=0;
  UMahir:=1;
end;
EdUPemula.Text:=FloatToStr(UPemula);
EdUPengguna.Text:=FloatToStr(UPengguna);
EdUMahir.Text:=FloatToStr(UMahir);
end;

procedure TFormGaji.CBTanggungChange(Sender: TObject);
begin
  if(CBTanggung.ItemIndex=0)then
  begin
    Utidak:=0.5;
    Usatu:=0;
    Udua:=0;
  end
  else
  if(CBTanggung.ItemIndex=1)then
  begin
    Utidak:=0;
    Usatu:=0.75;
    Udua:=0;
  end
  else
  if(CBTanggung.ItemIndex=2)then
  begin
    Utidak:=0;
    Usatu:=0;
    Udua:=1;
  end;

  EdUTidak.Text:=FloatToStr(Utidak);
  EdUSatu.Text:=FloatToStr(USatu);
  EdUDua.Text:=FloatToStr(UDua);
end;

procedure TFormGaji.CBPendidikanChange(Sender: TObject);
begin
  if(CBPendidikan.ItemIndex=0)then
  begin
    USMA:=0.5;

```

```

UD3:=0;
US1:=0;
end
else
if(CBPendidikan.ItemIndex=1)then
begin
USMA:=0;
UD3:=0.7;
US1:=0;
end
else
if(CBPendidikan.ItemIndex=2)then
begin
USMA:=0;
UD3:=0;
US1:=1;
end;
EdUSMA.Text:=FloatToStr(Usma);
EdUD1.Text:=FloatToStr(uD3);
EdUS1.Text:=FloatToStr(uS1);

end;

procedure TFormGaji.Baru;
begin
ubaru:=0;
pengalaman := StrToFloat(CBPengalaman.Text);

if(pengalaman>=12)Then
begin
ubaru:=0;
end
ELSE
if(pengalaman>=6)and(pengalaman<12)then
begin
ubaru := (12-pengalaman)/(12-6);
end
else
IF(pengalaman<6)THEN
ubaru:=1;

EdUBaru.Text:=FloatToStr(ubaru);
end;

```

```

procedure TFormGaji.lama;
begin
    ulama := 0;
    pengalaman := StrToFloat(CBPengalaman.Text);

    if(pengalaman>=24)Then
        ulama:=1
    else
        if(pengalaman>=12)and(pengalaman<24)Then
            ulama:=(pengalaman-12)/(24-12)
        else
            IF(pengalaman<12)then
                ulama:=0;
            EdUlama.Text:=FloatToStr(ulama);
        end;

procedure TFormGaji.sedang;
begin
    usedang := 0;
    pengalaman := StrToFloat(CBPengalaman.Text);

    if(pengalaman>24)then
        usedang:=0
    else
        if(pengalaman>=12)and(pengalaman<=24)Then
            usedang:=(24-pengalaman)/(24-12)
        else
            if(pengalaman>=6)and(pengalaman<=12)Then
                usedang:=(pengalaman-6)/(12-6)
            else
                if(pengalaman<6)Then
                    usedang:=0;
                EdUSedang.Text:=FloatToStr(usedang);
            end;

procedure TFormGaji.CBPengalamanChange(Sender: TObject);
begin
    Baru;
    sedang;
    lama;
end;

```

```
procedure TFormGaji.FormCreate(Sender: TObject);
begin
    koneksikaryawan;
    konesisgaji;
    bersih;
end;
```

```
procedure TFormGaji.bersih;
begin
    CBPengalaman.Text:='0';
    CBPendidikan.Text:='0';
    CBKeahlian.Text:='0';
    CBTanggung.Text:='0';
    CBGajiMinimal.Text:='0';
    CBGajiMak.Text:='0';
    EdNIK.Clear;
    EdNama.Clear;
    EdPosisi.Clear;
    EdUBaru.Clear;
    EdUSedang.Clear;
    EdUlama.Clear;
    EdUSMA.Clear;
    EdUD1.Clear;
    EdUS1.Clear;
    EdUPemula.Clear;
    EdUPengguna.Clear;
    EdUMahir.Clear;
    EdUTidak.Clear;
    EdUSatu.Clear;
    EdUDua.Clear;
    ubaru:=0;
    usedang:=0;
    ulama:=0;
    usma:=0;
    ud3:=0;
    us1:=0;
    UPemula:=0;
    UPengguna:=0;
    UMahir:=0;
    UTidak:=0;
    USatu:=0;
    UDua:=0;
end;
```

```

procedure TFormGaji.koneksikaryawan;
begin
  ADOQueryKARYAWAN.Connection:=ADOConnection1;
  ADOQueryKARYAWAN.SQL.Clear;
  ADOQueryKARYAWAN.SQL.Text:='SELECT * FROM TBLKARYAWAN';
  ADOQueryKARYAWAN.Close;
  ADOQueryKARYAWAN.Open;
  DataSource1.DataSet:=ADOQueryKARYAWAN;
  DBGrid1.DataSource:=DataSource1;
end;

```

```

procedure TFormGaji.konesigaji;
begin
  ADOQueryGAJI.Connection:=ADOConnection1;
  ADOQueryGAJI.SQL.Clear;
  ADOQueryGAJI.SQL.Text:='SELECT
Nomor,TBLGAJI.NIK,Nama,Pekerjaan,Pengalaman,Pendidikan,Keahlian, '+
      'Tanggung,Nilai_A,Nilai_Z,Gaji From TblGaji,TblKaryawan
WHERE TblGaji.NIK=TblKaryawan.NIK ORDER BY Nomor ASC';
  ADOQueryGAJI.Close;
  ADOQueryGAJI.Open;
  DataSource2.DataSet:=ADOQueryGAJI;
  DBGrid2.DataSource:=DataSource2;
end;

```

```

procedure TFormGaji.DBGrid1CellClick(Column: TColumn);
begin
  WITH ADOQueryKARYAWAN DO
  BEGIN
    EdNIK.Text:=FieldValues['NIK'];
    EdNama.Text:=FieldValues['Nama'];
    EdPosisi.Text:=FieldValues['Pekerjaan'];
  END;
end;

```

```

procedure TFormGaji.BitBtn1Click(Sender: TObject);
begin
  bersih;
  if (ADOQueryGAJI.Recordset.RecordCount=0)then
    EdNomor.Text:='1001'
  else
    BEGIN

```

```
ADOQueryGAJI.Last;
EdNomor.Text:=ADOQueryGAJI.FieldValues['Nomor']+1;
END;
end;
```

```
procedure TFormGaji.BitBtn5Click(Sender: TObject);
var
  z, za,a : Double;
  z1,z2,z3,z4,z5,z6,z7,z8,z9,z10,z11,z12,z13,z14,z15 : real;
  z16,z17,z18,z19,z20,z21,z22,z23,z24,z25,z26,z27,z28,z29,z30 : real;
  z31,z32,z33,z34,z35,z36,z37,z38,z39,z40,z41,z42,z43,z44,z45 : real;
  z46,z47,z48,z49,z50,z51,z52,z53,z54,z55,z56,z57,z58,z59,z60 : real;
  z61,z62,z63,z64: real;
  er,et,ns,nt : real;
begin
  min :=StrToFloat(CBGajiMinimal.text);
  mak :=StrToFloat(CBGajiMak.Text);

  //Rule 1
  a1 := Miness(Ubaru,usma,UPemula,UTidak,kecil); //Gaji Minimal
  z1 := mak -(a1 * (mak-min));

  a2 := Miness(Ubaru,usma,UPemula,USatu,kecil);
  z2 := mak -(a2 * (mak-min));

  a3 := Miness(Ubaru,usma,UPengguna,UTidak,kecil);
  z3 := mak -(a3 * (mak-min));

  a4 := Miness(Ubaru,ud3,UPemula,UTidak,kecil);
  z4 := mak -(a4 * (mak-min));

  a5 := Miness(usedang,usma,UPemula,UTidak,kecil);
  z5 := mak -(a5 * (mak-min));

  a6 := Miness(Ubaru,usma,UPengguna,USatu,kecil);
  z6 := mak -(a6 * (mak-min));
```


a7 := Miness(Ubaru,ud3,UPengguna,UTidak,kecil);
z7 := mak -(a7 * (mak-min));

a8 := Miness(usedang,usma,UPengguna,UTidak,kecil);
z8 := mak -(a8 * (mak-min));

a9 := Miness(usedang,usma,UPemula,USatu,kecil);
z9 := mak -(a9 * (mak-min));

a10 := Miness(usedang,ud3,UPemula,UTidak,kecil);
z10 := mak -(a10 * (mak-min));

a11 := Miness(ubaru,ud3,UPengguna,USatu,kecil);
z11 := mak -(a11 * (mak-min));

a12 := Miness(usedang,usma,UPengguna,USatu,kecil);
z12 := mak -(a12 * (mak-min));

a13 := Miness(usedang,ud3,UPemula,USatu,kecil);
z13 := mak -(a13 * (mak-min));

a14 := Miness(usedang,ud3,UPengguna,UTidak,kecil);
z14 := mak -(a14 * (mak-min));

a15 := Miness(usedang,ud3,UPengguna,USatu,kecil);
z15 := mak -(a15 * (mak-min));

a16 := Miness(ubaru,ud3,UPemula,USatu,kecil);
z16 := mak -(a16 * (mak-min));

a17 := Miness(ubaru,usma,UPemula,UDua,kecil);
z17 := mak -(a17 * (mak-min));

a18 := Miness(ubaru,usma,UMahir,UTidak,kecil);
z18 := mak -(a18 * (mak-min));

a19 := Miness(ubaru,us1,UPemula,UTidak,kecil);
z19 := mak -(a19 * (mak-min));

a20 := Miness(ulama,usma,UPemula,UTidak,kecil);
z20 := mak -(a20 * (mak-min));

a21 := Miness(ubaru,uSMA,UMahir,Udua,kecil);
z21 := mak -(a21 * (mak-min));

a22 := Miness(ubaru,us1,UMahir,UTidak,kecil);
z22 := mak -(a22 * (mak-min));

a23 := Miness(ulama,us1,UPemula,UTidak,kecil);
z23 := mak -(a23 * (mak-min));

a24 := Miness(ubaru,us1,UPemula,UDua,kecil);
z24 := mak -(a24 * (mak-min));

a25 := Miness(ulama,usma,UPemula,UDua,kecil);
z25 := mak -(a25 * (mak-min));

a26 := Miness(ubaru,us1,UMahir,UDua,kecil); //Gaji Besar
z26 := a26 * (mak-min) + min;

a27 := Miness(ulama,usma,UMahir,UDua,kecil);
z27 := a27 * (mak-min) + min;

a28 := Miness(ulama,us1,UPemula,UDua,kecil);
z28 := a28 * (mak-min) + min;

a29 := Miness(ulama,us1,UMahir,UTidak,kecil);
z29 := a29 * (mak-min) + min;

a30 := Miness(ulama,usma,UMahir,UTidak,kecil); //Kecil
z30 := mak -(a30 * (mak-min));

a31 := Miness(ulama,us1,UMahir,UDua,kecil); //besar
z31 := a31 * (mak-min) + min;

a32 := Miness(usedang,ud3,UPengguna,UDua,kecil);
z32 := a32 * (mak-min) + min;

a33 := Miness(usedang,ud3,UMahir,USatu,kecil);
z33 := a33 * (mak-min) + min;

a34 := Miness(usedang,ud3,UPengguna,USatu,kecil); //Kecil
z34 := mak -(a34 * (mak-min));

a35 := Miness(ulama,ud3,UPengguna,USatu,kecil);
z35 := a35 * (mak-min) + min;

a36 := Miness(usedang,ud3,UMahir,UDua,kecil);
z36 := a36 * (mak-min) + min;

a37 := Miness(usedang,us1,UMahir,USatu,kecil);
z37 := a37 * (mak-min) + min;

a38 := Miness(ulama,us1,UPengguna,USatu,kecil);
z33 := a38 * (mak-min) + min;

a39 := Miness(usedang,us1,UPengguna,UDua,kecil);
z39 := a39 * (mak-min) + min;

a40 := Miness(ulama,ud3,UPengguna,UDua,kecil);
z40 := a40 * (mak-min) + min;

a41 := Miness(usedang,us1,UMahir,UDua,kecil);
z41 := a41 * (mak-min) + min;

a42 := Miness(ulama,ud3,UMahir,UDua,kecil);
z42 := a42 * (mak-min) + min;

a43 := Miness(ulama,uS1,UPengguna,UDua,kecil);
z43 := a43 * (mak-min) + min;

a44 := Miness(ulama,uS1,UMahir,USatu,kecil);
z44 := a44 * (mak-min) + min;

a45 := Miness(ulama,ud3,UMahir,USatu,kecil);
z45 := a45 * (mak-min) + min;

a46 := Miness(ulama,ud3,UPemula,USatu,kecil); //Kecil
z46 := mak -(a46 * (mak-min));

a47 := Miness(ubaru,usma,UPengguna,UDua,kecil); //Kecil
z47 := mak -(a47 * (mak-min));

a48 := Miness(ubaru,ud3,UMahir,USatu,kecil); //Kecil
z48 := mak -(a48 * (mak-min));

a49 := Miness(ulama,usma,UPengguna,USatu,kecil); //Kecil
z49 := mak -(a49 * (mak-min));

a50 := Miness(ulama,usma,UPengguna,UTidak,kecil); //Kecil
z50 := mak -(a50 * (mak-min));

a51 := Miness(ulama,ud3,UPemula,UTidak,kecil); //Kecil
z51 := mak -(a51 * (mak-min));

a52 := Miness(ulama,ud3,UPengguna,UTidak,kecil); //Kecil
z52 := mak -(a52 * (mak-min));

a53 := Miness(ulama,us1,UPemula,USatu,kecil); //besar
z53 := a53 * (mak-min) + min;

a54 := Miness(ulama,usma,UPengguna,UDua,kecil);
z54 := a54 * (mak-min) + min;

a55 := Miness(ulama,usma,UMahir,USatu,kecil);
z55 := a55 * (mak-min) + min;

a56 := Miness(ubaru,us1,UPengguna,UTidak,kecil); //Kecil
z56 := mak -(a56 * (mak-min));

a57 := Miness(usedang,us1,UPemula,UTidak,kecil); //Kecil
z57 := mak -(a57 * (mak-min));

a58 := Miness(ubaru,ud3,UPengguna,UDua,kecil); //Kecil
z58 := mak -(a58 * (mak-min));

a59 := Miness(usedang,us1,UPemula,USatu,kecil); //Kecil
z59 := mak -(a59 * (mak-min));

a60 := Miness(usedang,usma,UPemula,UDua,kecil); //Kecil
z60 := mak -(a60 * (mak-min));

a61 := Miness(usedang,us1,UPemula,UDua,kecil); //besar
z61 := a61 * (mak-min) + min;

a62 := Miness(usedang,usma,UMahir,UTidak,kecil); //Kecil
z62 := mak -(a62 * (mak-min));

a63 := Miness(ubaru,us1,UMahir,USatu,kecil); //besar
z63 := a63 * (mak-min) + min;

a64 := Miness(usedang,us1,UMahir,UTidak,kecil); //besar
z64 := a64 * (mak-min) + min;

za :=
((a1*z1)+(a2*z2)+(a3*z3)+(a4*z4)+(a5*z5)+(a6*z6)+(a7*z7)+(a8*z8)+(a9*z9)+(a10*z10)+(a11*z11)+(a12*z12)+(a13*z13)+(a14*z14)+(a15*z15)+
(a16*z16)+(a17*z17)+(a18*z18)+(a19*z19)+(a20*z20)+(a21*z21)+(a22*z22)+(a23

*z23)+(a24*z24)+(a25*z25)+(a26*z26)+(a27*z27)+(a28*z28)+(a29*z29)+(a30*z30
)+

(a31*z31)+(a32*z32)+(a33*z33)+(a34*z34)+(a35*z35)+(a36*z36)+(a37*z37)+(a38
*z38)+(a39*z39)+(a40*z40)+(a41*z41)+(a42*z42)+(a43*z43)+(a44*z44)+(a45*z45
)+

(a46*z46)+(a47*z47)+(a48*z48)+(a49*z49)+(a50*z50)+(a51*z51)+(a52*z52)+(a53
*z53)+(a54*z54)+(a55*z55)+(a56*z56)+(a57*z57)+(a58*z58)+(a59*z59)+(a60*z60
)+

(a61*z61)+(a62*z62)+(a63*z63)+(a64*z64));

a :=
(a1+a2+a3+a4+a5+a6+a7+a8+a9+a10+a11+a12+a13+a14+a15+a16+a17+a18+a19+a
20+a21+a22+a23+a24+a25+a26+a27+a28+a30+a31+a32+a33+a34+a35+a36+a37+a
38+a39+a40+

a41+a42+a43+a44+a45+a46+a47+a48+a49+a50+a51+a52+a53+a54+a55+a56+a57+
a58+a59+a60+a61+a62+a63+a64);

z := (za/a);

EdZ.Text:=FloatToStr(za);
EDA.Text:=FloatToStr(a);
EdGaji.Text:=FloatToStr(Z);
end;

function TFormGaji.Miness(a, b, c, d: Real; var min: Real): Real;

begin

min:=a;

if (b<min)

then min:=b

else

min:=min;

if (c<min)

then min:=c

else

min:=min;

if (d<min) then

min:=d

```

else
    min:=min;

    Miness:=min;
end;

procedure TFormGaji.BitBtn2Click(Sender: TObject);
begin
if(EdNomor.Text="")then
begin
ShowMessage('lengkapi Data Dulu...');
exit;
end
else
ADOQueryGAJI.SQL.Clear;
ADOQueryGAJI.SQL.Text:='SELECT
Nomor,TBLGAJI.NIK>Nama,Pekerjaan,Pengalaman,Pendidikan,Keahlian, '+
    'Tanggung,Nilai_A,Nilai_Z,Gaji From TblGaji,TblKaryawan
WHERE TblGaji.NIK=TblKaryawan.NIK and
TblGaji.NIK='+QuotedStr(EdNIK.Text);
ADOQueryGAJI.Close;
ADOQueryGAJI.Open;
if(ADOQueryGAJI.Recordset.RecordCount<>0)then
begin
    ShowMessage('Data Sudah Ada..');
    konesigaji;
    Exit;
end
else
ADOQueryGAJI.SQL.Clear;
ADOQueryGAJI.SQL.Text:='insert into tblgaji
values('+QuotedStr(EdNomor.Text)+'+', '+QuotedStr(EdNIK.Text)+'+', '+QuotedStr(CBPengalaman.Text)+'+', '+
    QuotedStr(EdUBaru.Text)+'+', '+QuotedStr(EdUSedang.Text)+'+', '+QuotedStr(EdUlama.
Text)+'+', '+QuotedStr(CBPendidikan.Text)+'+', '+
    QuotedStr(EdUSMA.Text)+'+', '+QuotedStr(EdUD1.Text)+'+', '+QuotedStr(EdUS1.Text)
+', '+QuotedStr(CBKeahlian.Text)+'+', '+
    QuotedStr(EdUPemula.Text)+'+', '+QuotedStr(EdUPengguna.Text)+'+', '+QuotedStr(EdU
Mahir.Text)+'+', '+QuotedStr(CBTanggung.Text)+'+', '+

```

```

QuotedStr(EdUTidak.Text)+''+QuotedStr(EdUSatu.Text)+''+QuotedStr(EdUDua.Te
xt)+''+QuotedStr(Eda.Text)+''+
        QuotedStr(edz.Text)+''+QuotedStr(EdGaji.Text)+'');
ADOQueryGAJI.ExecSQL;
konesigaji;
ShowMessage('Data Berhasil Disimpan...');
bersih;
end;

procedure TFormGaji.DBGrid2CellClick(Column: TColumn);
begin
    EdNIK.Text:=ADOQueryGAJI.FieldValues['NIK'];
end;

procedure TFormGaji.BitBtn3Click(Sender: TObject);
begin
ADOQueryGAJI.SQL.Clear;
ADOQueryGAJI.SQL.Text:='DELETE FROM TBLGAJI WHERE
NIK='+QuotedStr(EdNIK.Text);
ADOQueryGAJI.ExecSQL;
konesigaji;
bersih;
end;

end.

```

FORMCETAK LAPORAN

```
unit UCetak;
```

```
interface
```

```
uses
```

```
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, QuickRpt, ExtCtrls, QRCtrls, DB, ADODB;
```

```
type
```

```
TFormCetak = class(TForm)
```

```
    QuickRep1: TQuickRep;
```

```
    TitleBand1: TQRBand;
```



```

ColumnHeaderBand1: TQRBand;
DetailBand1: TQRBand;
ADOConnection1: TADOConnection;
ADOQueryKary: TADOQuery;
ADOQueryGaji: TADOQuery;
QRLabel1: TQRLabel;
QRDBText1: TQRDBText;
QRLabel2: TQRLabel;
QRLabel3: TQRLabel;
QRLabel4: TQRLabel;
QRDBText2: TQRDBText;
QRDBText3: TQRDBText;
QRLabel5: TQRLabel;
QRLabel6: TQRLabel;
QRDBText4: TQRDBText;
QRDBText5: TQRDBText;
QRDBText6: TQRDBText;
QRDBText7: TQRDBText;
QRDBText8: TQRDBText;
QRLabel7: TQRLabel;
QRLabel8: TQRLabel;
QRLabel9: TQRLabel;
QRLabel10: TQRLabel;
QRSysData1: TQRSysData;
QRShape1: TQRShape;
QRShape2: TQRShape;
SummaryBand1: TQRBand;
QRShape3: TQRShape;
private
  { Private declarations }
public
  { Public declarations }
end;

var
  FormCetak: TFormCetak;

implementation

uses UMenuUtama;

{$R *.dfm}

```

end.