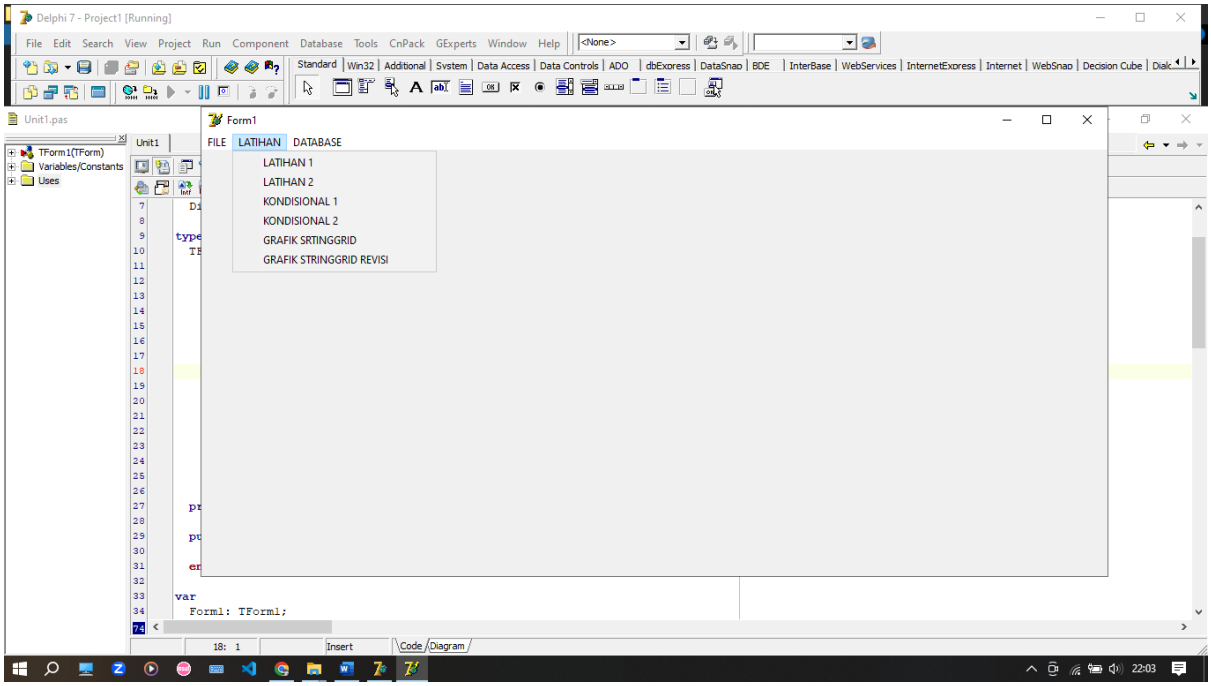
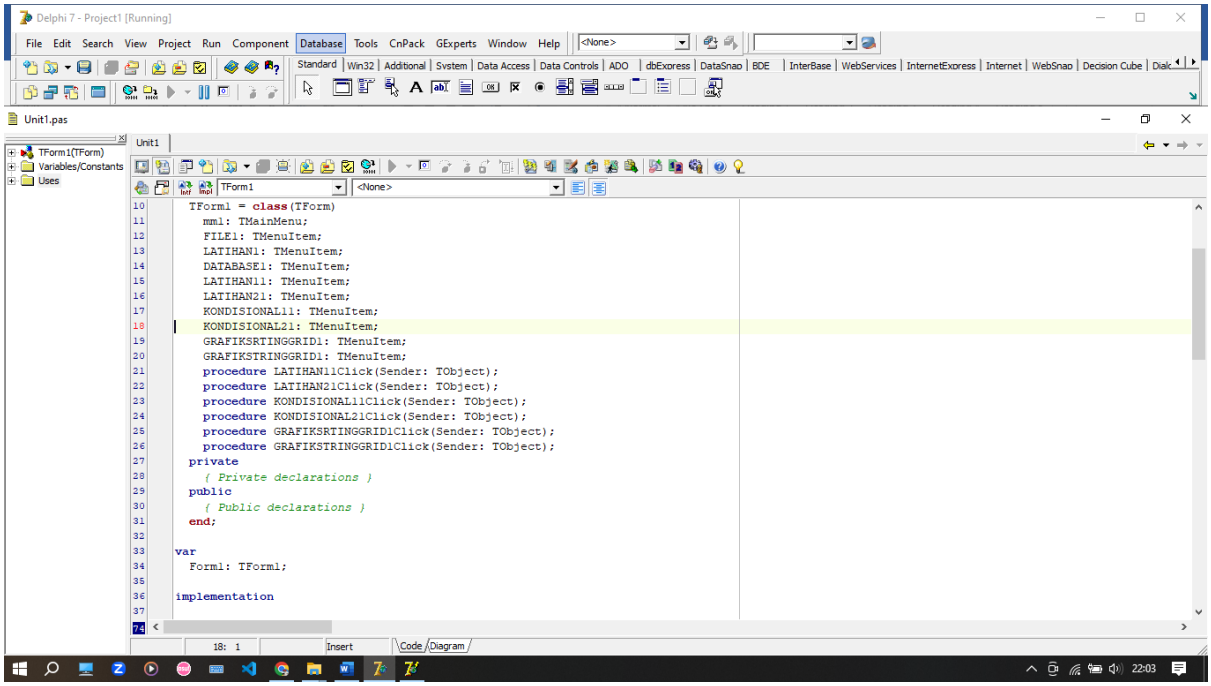
NAMA: SYA'BAN FIRMANSYAH

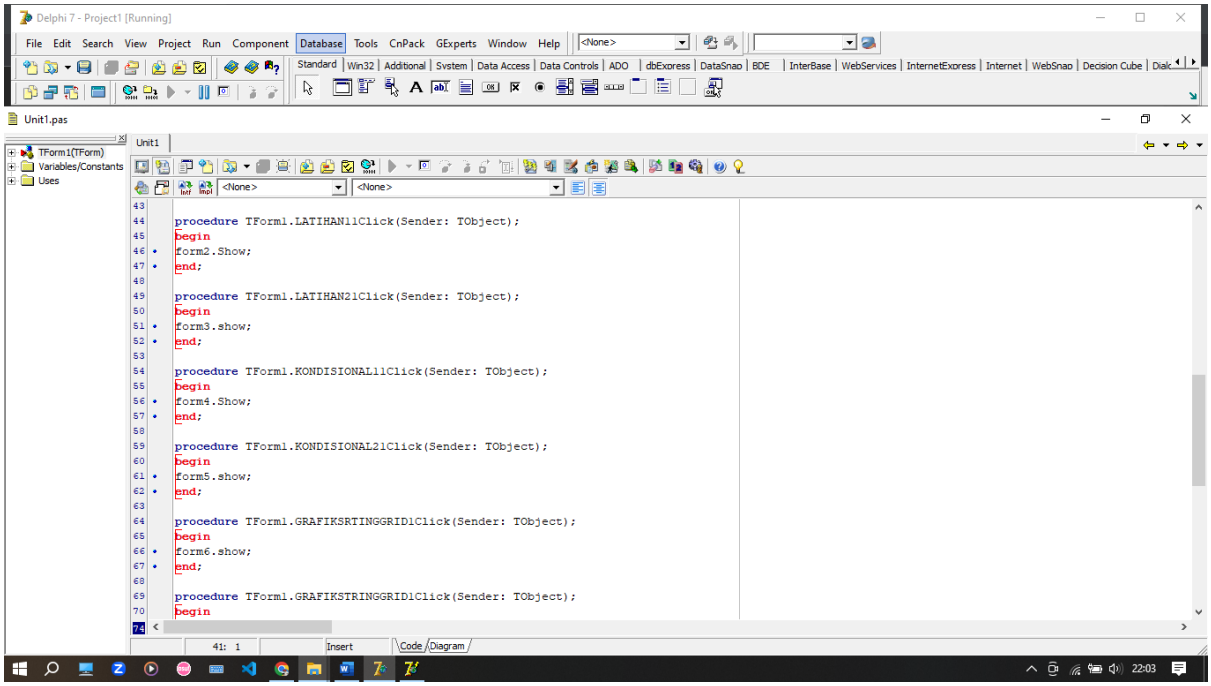
KELAS : 4D REG PAGI BJB

NPM : 2110010280

1. MENU

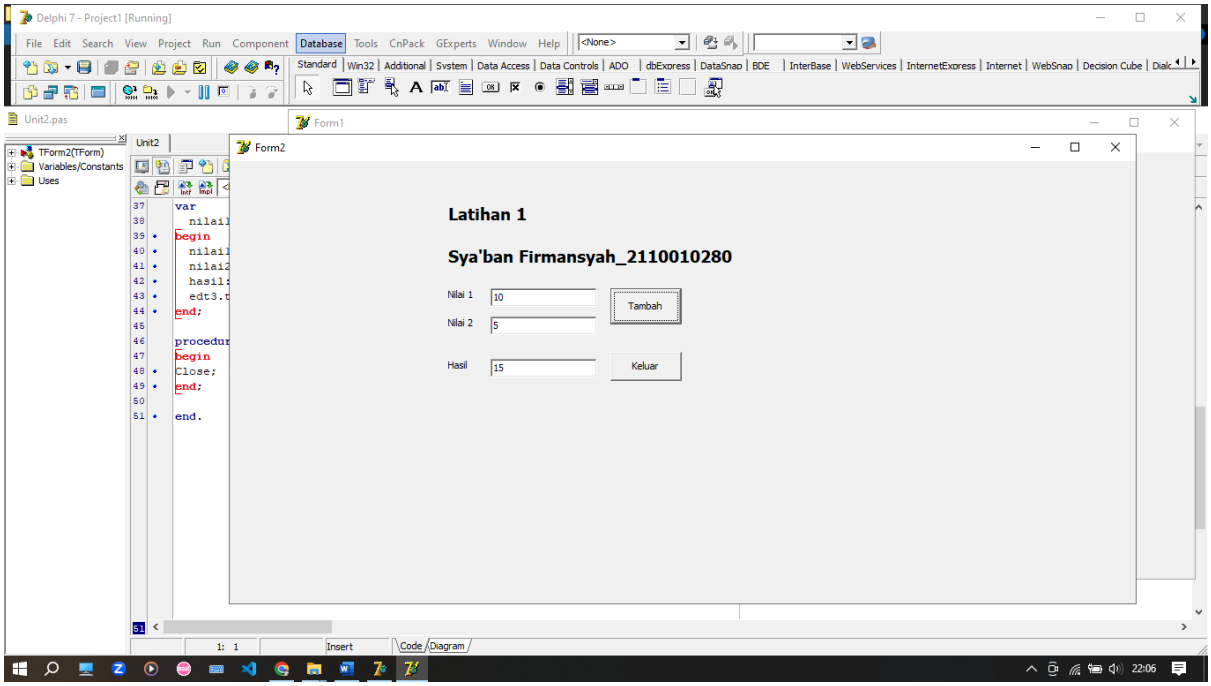


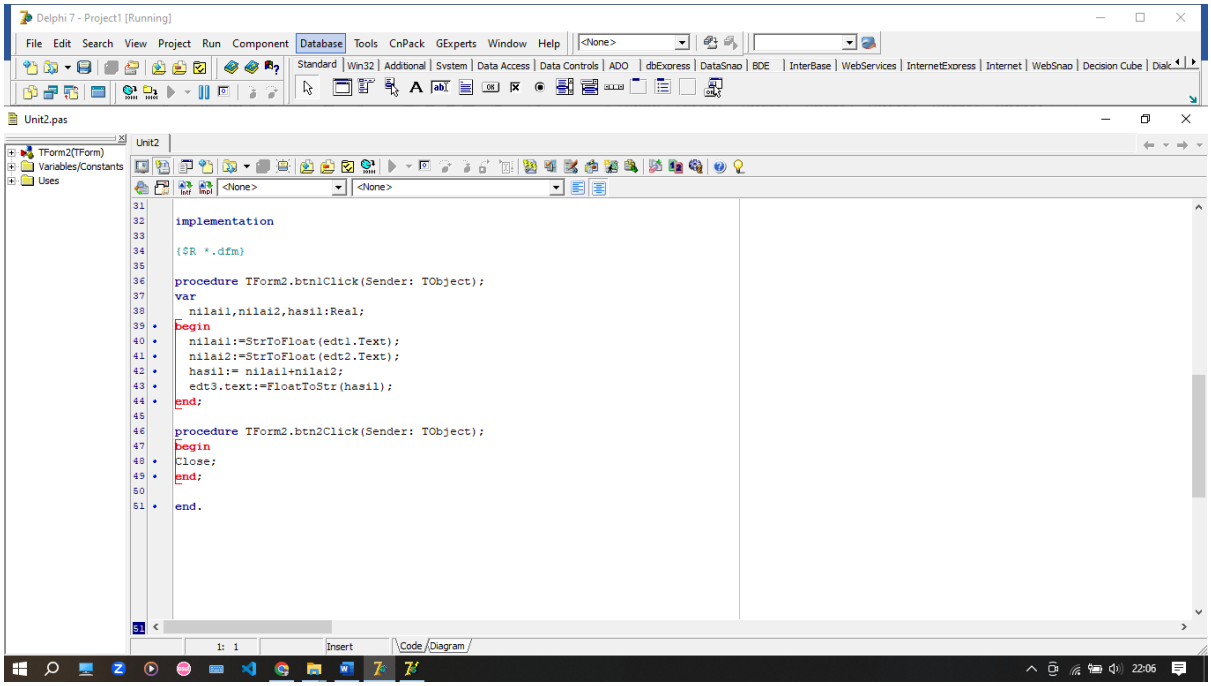




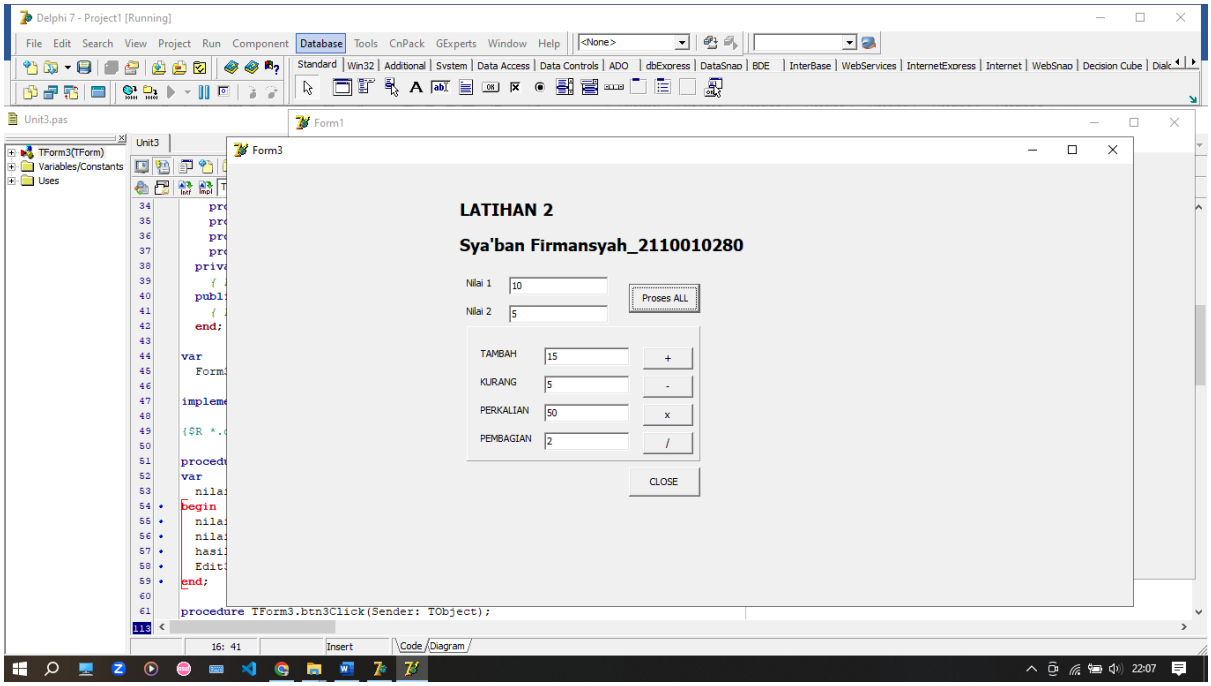
```
procedure TForm1.LATIHAN1lClick(Sender: TObject);
begin
form2.Show;
end;

procedure TForm1.LATIHAN2lClick(Sender: TObject);
begin
form3.show;
end;

procedure TForm1.KONDISIONAL1lClick(Sender: TObject);
begin
form4.Show;
end;

procedure TForm1.KONDISIONAL2lClick(Sender: TObject);
begin
form5.show;
end;

procedure TForm1.GRAFIKSRTINGGRID1Click(Sender: TObject);
begin
form6.show;
end;

procedure TForm1.GRAFIKSTRINGGRID1Click(Sender: TObject);
begin
```

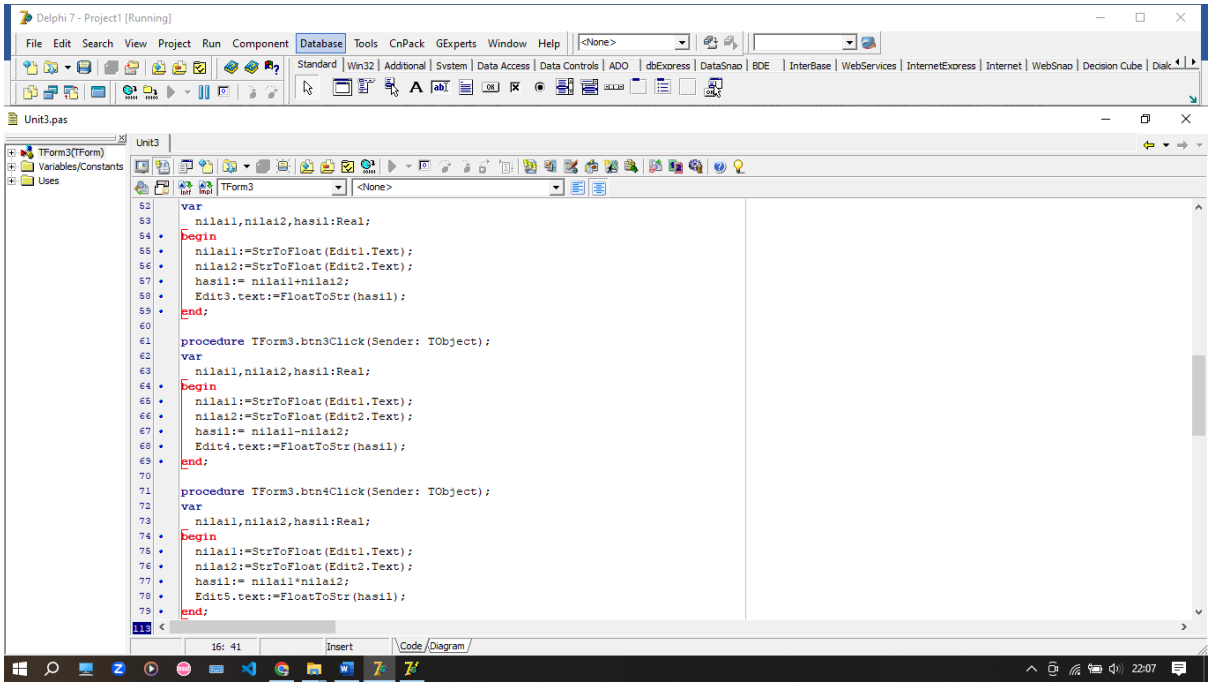
2. LATIHAN 1

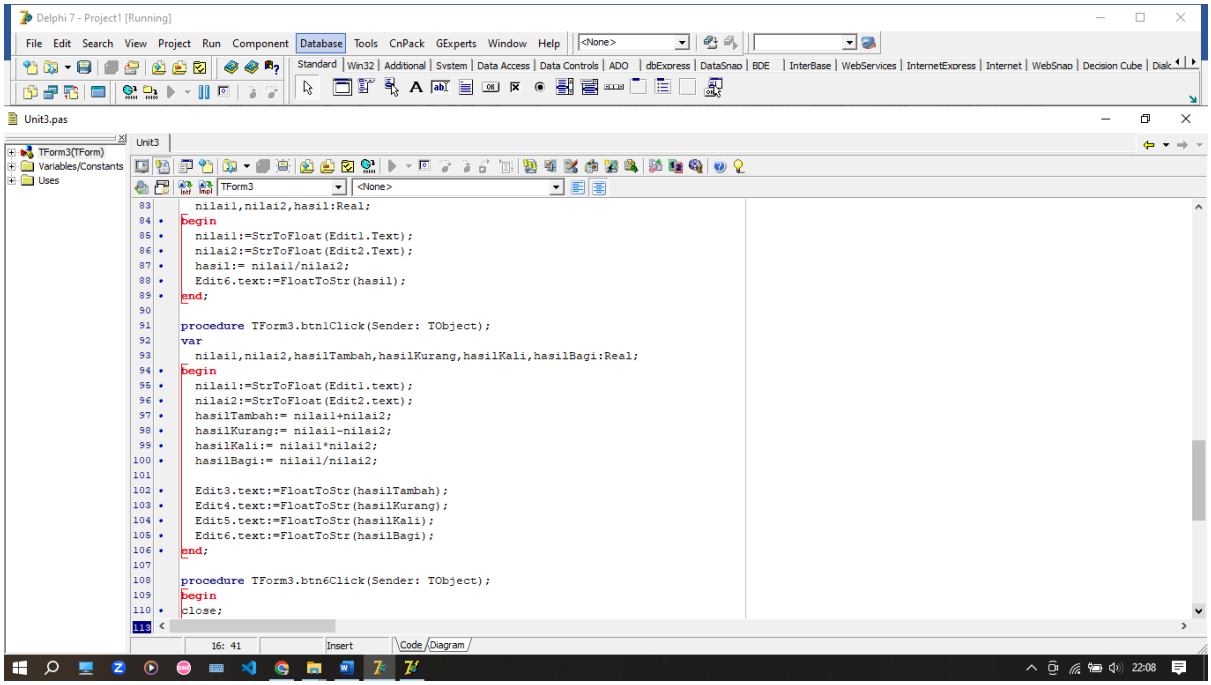



Delphi 7 - Project1 [Running]
Unit2.pas
TForm2(TForm)
Variables/Constants
Uses
Unit2
implementation
{$R *.dfm}
procedure TForm2.btn1Click(Sender: TObject);
var
nilai1,nilai2,hasil:Real;
begin
nilai1:=StrToFloat(edt1.Text);
nilai2:=StrToFloat(edt2.Text);
hasil:= nilai1+nilai2;
edt3.text:=FloatToStr(hasil);
end;
procedure TForm2.btn2Click(Sender: TObject);
begin
Close;
end;
end.

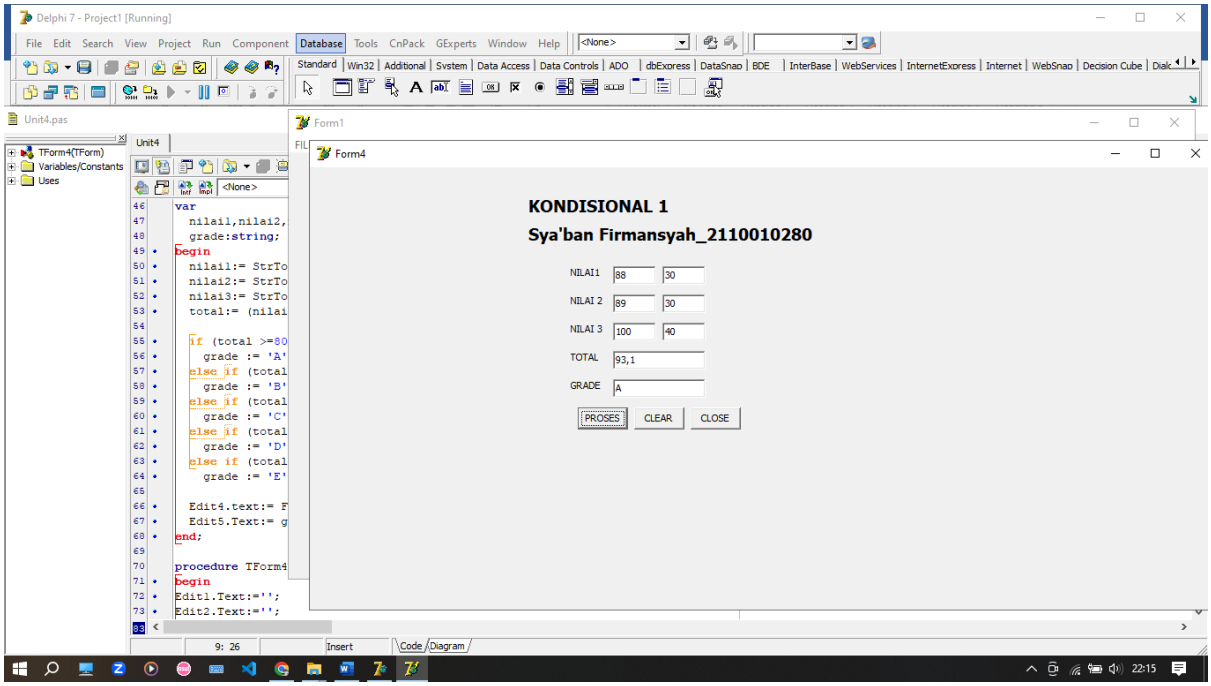
3. LATIHAN 2

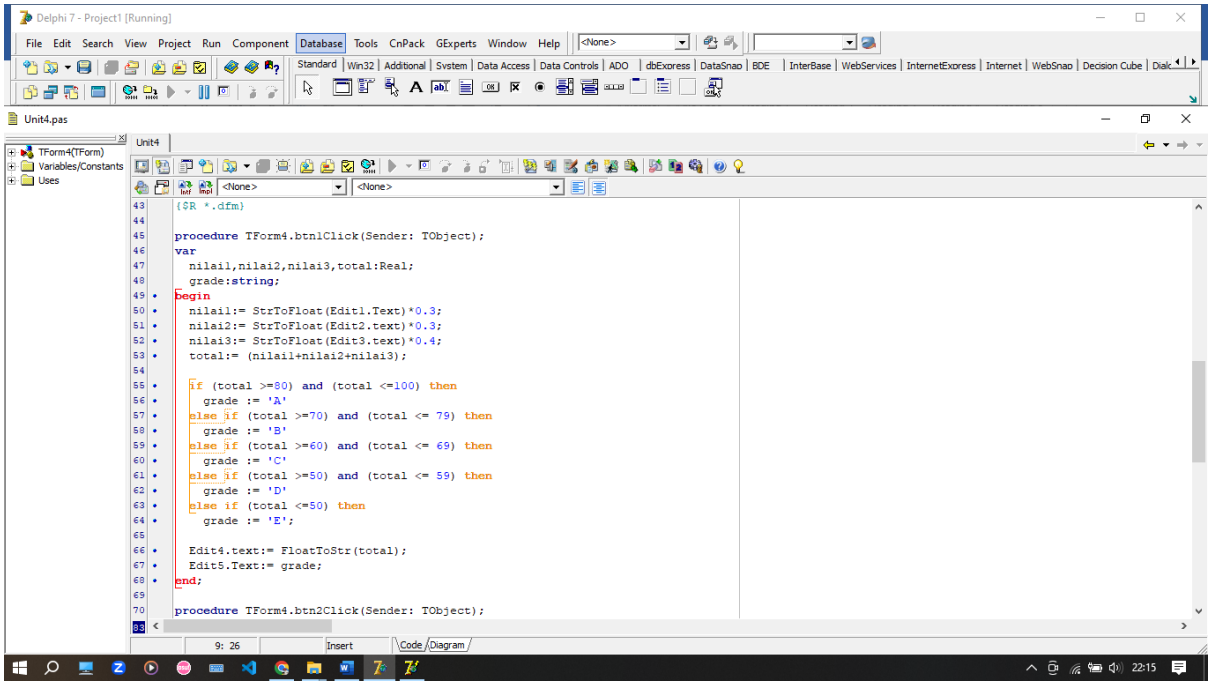

Delphi 7 - Project1 [Running]
Unit3.pas
TForm3(TForm)
Variables/Constants
Uses
Unit3
Form1
Form3
LATIHAN 2
Sya'ban Firmansyah_2110010280
Nilai 1
10
Nilai 2
5
Proses ALL
TAMBAH
15
+
KURANG
5
-
PERKALIAN
50
x
PEMBAGIAN
2
/
CLOSE
procedure TForm3.btn3Click(Sender: TObject);

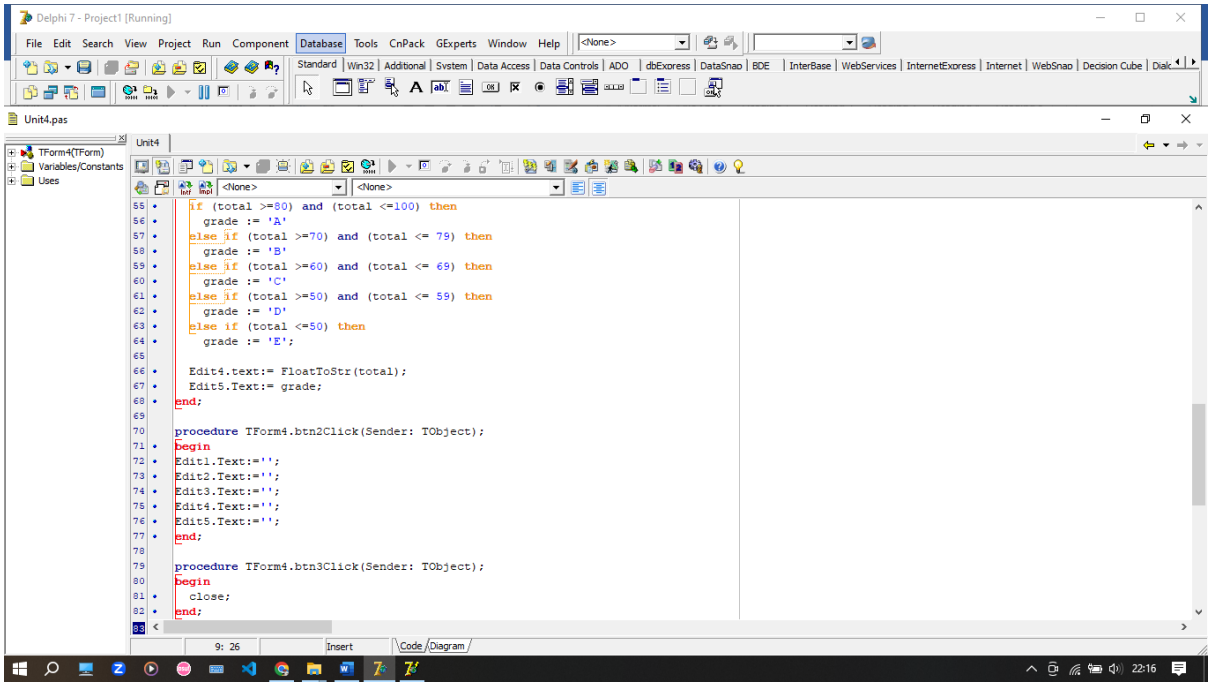




4. KONDISIONAL 1

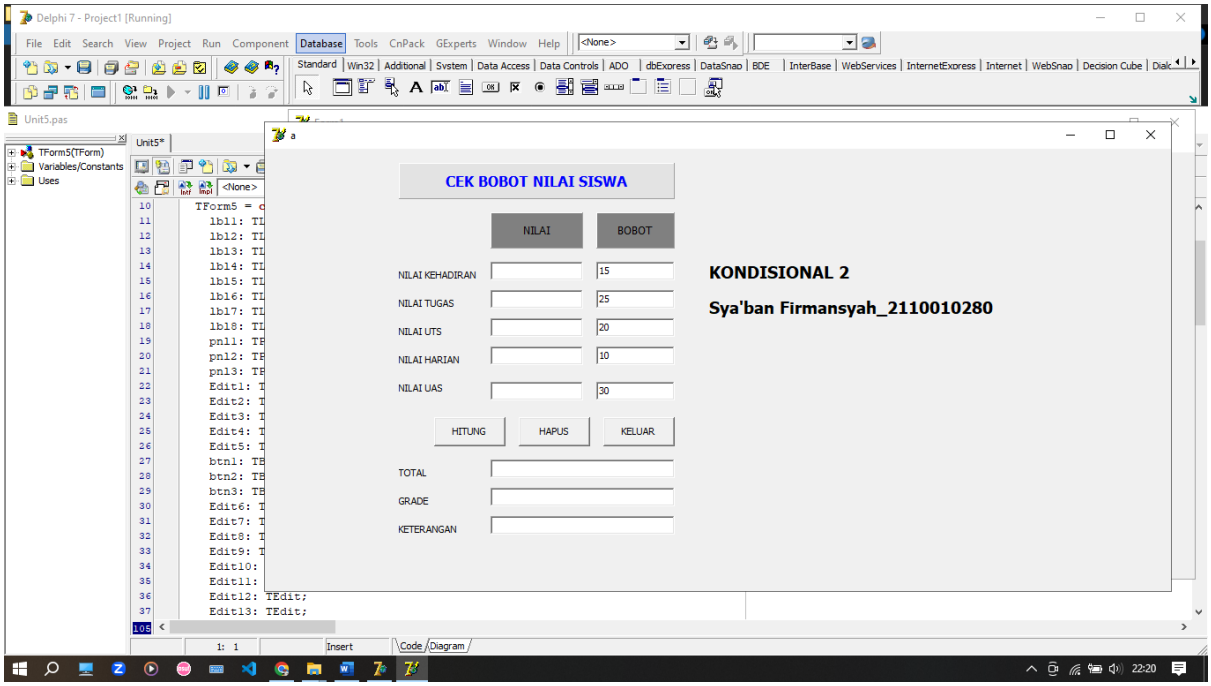

Delphi 7 - Project1 [Running]
Unit4.pas
Form1
Form4
KONDISIONAL 1
Sya'ban Firmansyah_2110010280
NILAI1
88
30
NILAI 2
89
30
NILAI 3
100
40
TOTAL
93,1
GRADE
A
PROSES
CLEAR
CLOSE

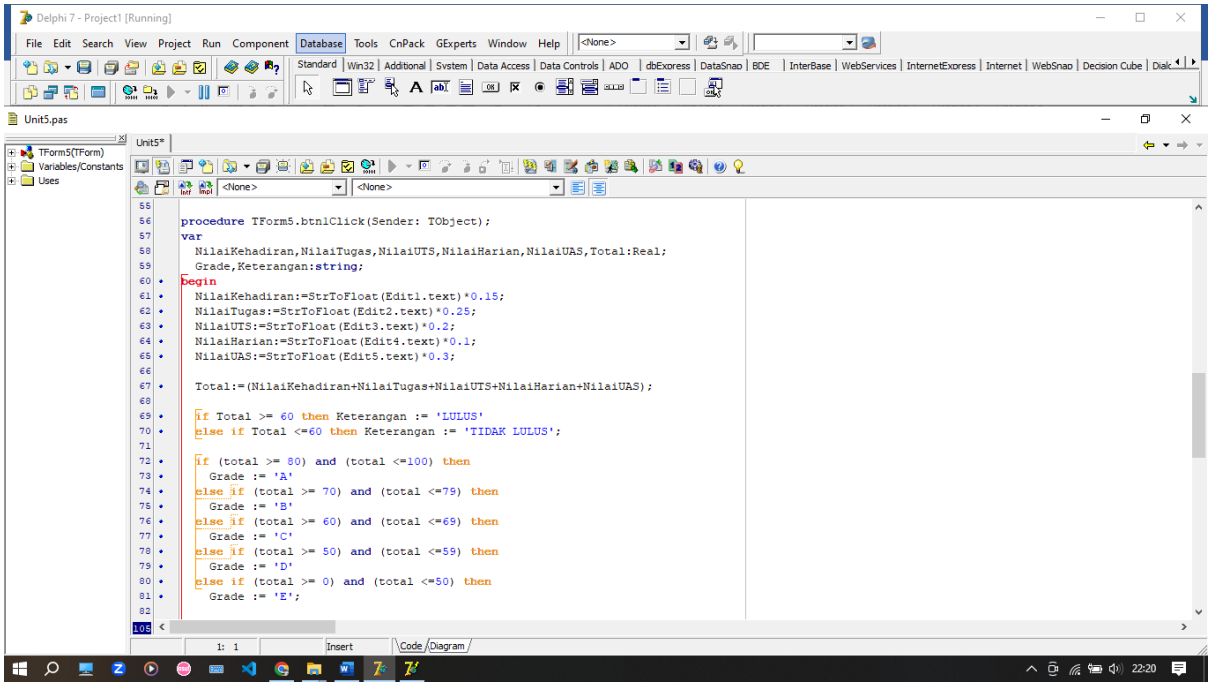

Delphi 7 - Project1 [Running]
Unit4.pas
{$R *.dfm}
procedure TForm4.btn1Click(Sender: TObject);
var
nilai1,nilai2,nilai3,total:Real;
grade:string;
begin
nilai1:= StrToFloat(Edit1.Text)*0.3;
nilai2:= StrToFloat(Edit2.text)*0.3;
nilai3:= StrToFloat(Edit3.text)*0.4;
total:= (nilai1+nilai2+nilai3);
if (total >=80) and (total <=100) then
grade := 'A'
else if (total >=70) and (total <= 79) then
grade := 'B'
else if (total >=60) and (total <= 69) then
grade := 'C'
else if (total >=50) and (total <= 59) then
grade := 'D'
else if (total <=50) then
grade := 'E';
Edit4.text:= FloatToStr(total);
Edit5.Text:= grade;
end;
procedure TForm4.btn2Click(Sender: TObject);



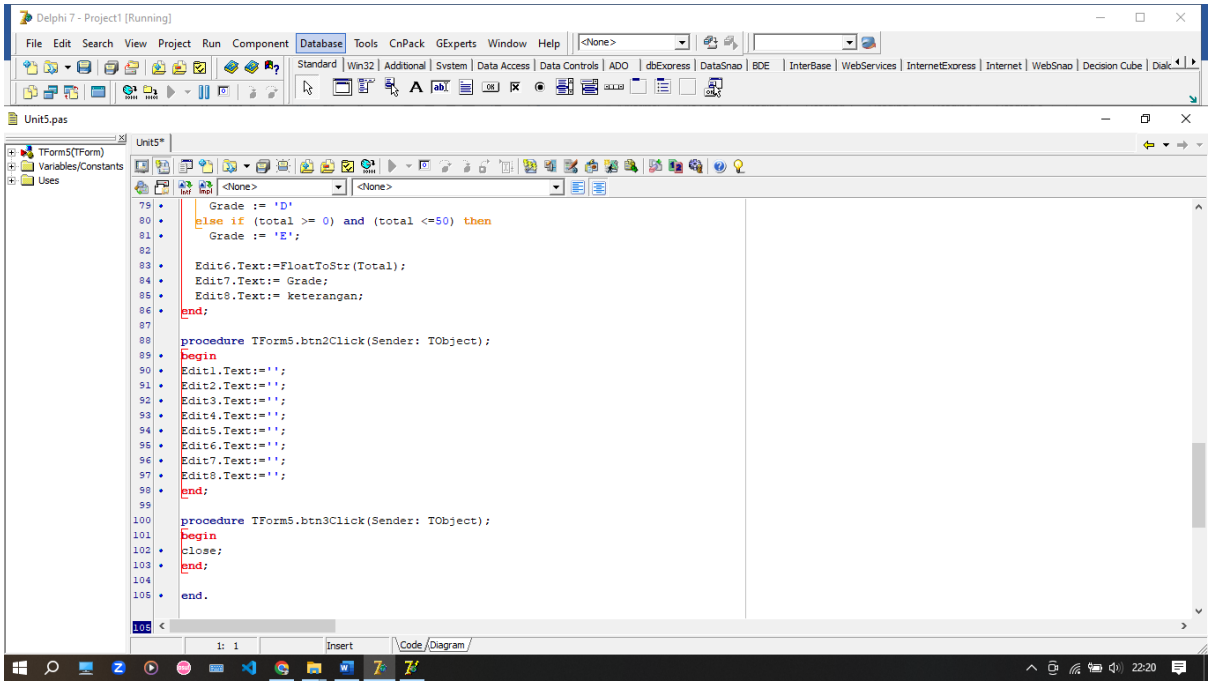
```
if (total >=80) and (total <=100) then
  grade := 'A'
else if (total >=70) and (total <= 79) then
  grade := 'B'
else if (total >=60) and (total <= 69) then
  grade := 'C'
else if (total >=50) and (total <= 59) then
  grade := 'D'
else if (total <=50) then
  grade := 'E';

 Edit4.text:= FloatToStr(total);
 Edit5.Text:= grade;
end;

procedure TForm4.btn2Click(Sender: TObject);
begin
Edit1.Text:='';
Edit2.Text:='';
Edit3.Text:='';
Edit4.Text:='';
Edit5.Text:='';
end;

procedure TForm4.btn3Click(Sender: TObject);
begin
  close;
end;
```

5. KONDISIONAL 2



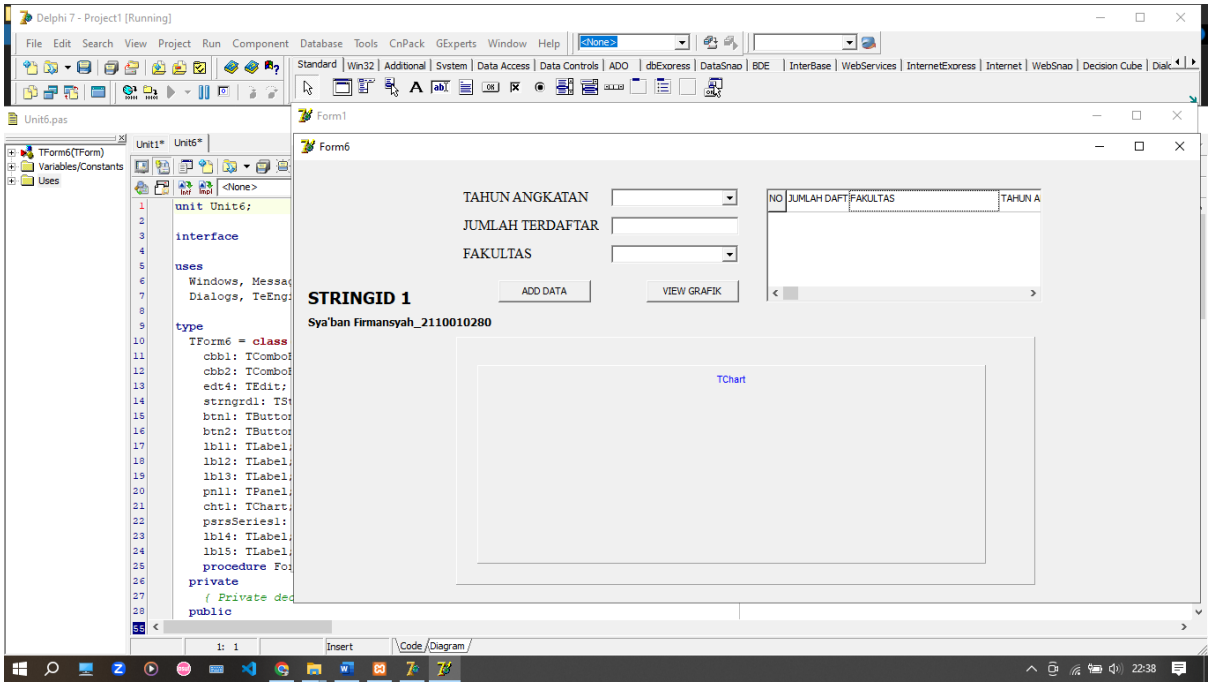


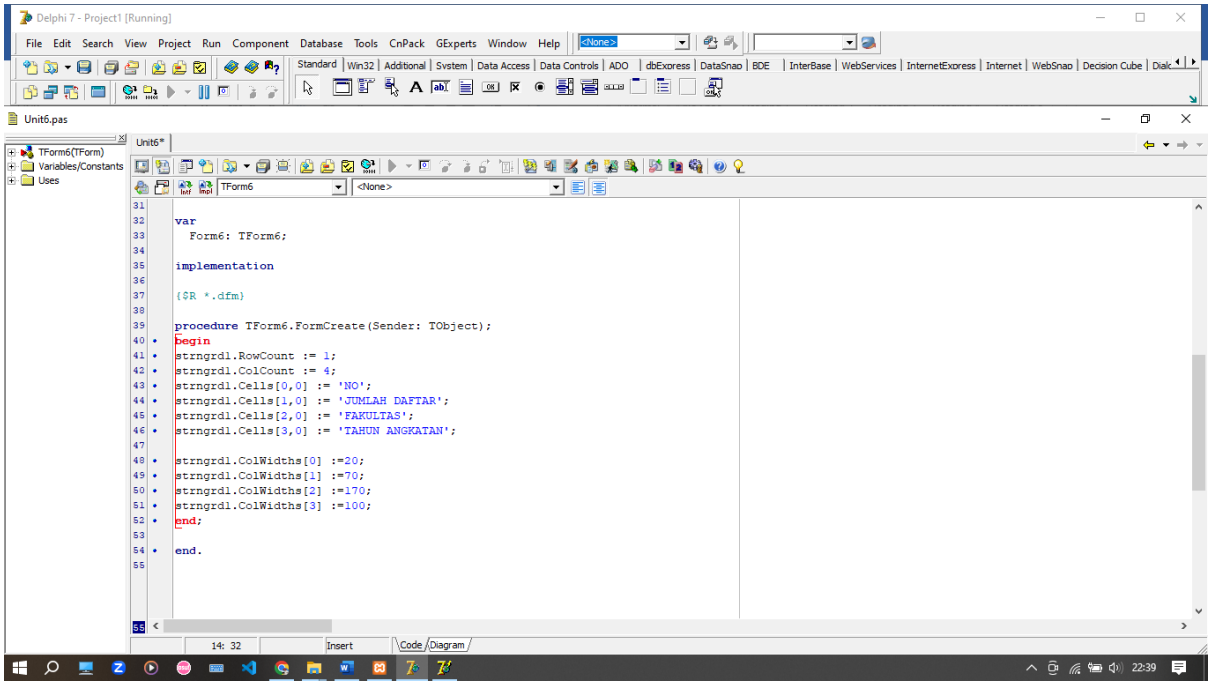
```
procedure TForm5.btn1Click(Sender: TObject);
var
  NilaiKehadiran,NilaiTugas,NilaiUTS,NilaiHarian,NilaiUAS,Total:Real;
  Grade,Keterangan:string;
begin
  NilaiKehadiran:=StrToFloat(Edit1.text)*0.15;
  NilaiTugas:=StrToFloat(Edit2.text)*0.25;
  NilaiUTS:=StrToFloat(Edit3.text)*0.2;
  NilaiHarian:=StrToFloat(Edit4.text)*0.1;
  NilaiUAS:=StrToFloat(Edit5.text)*0.3;

  Total:=(NilaiKehadiran+NilaiTugas+NilaiUTS+NilaiHarian+NilaiUAS);

  if Total >= 60 then Keterangan := 'LULUS'
  else if Total <=60 then Keterangan := 'TIDAK LULUS';

  if (total >= 80) and (total <=100) then
    Grade := 'A'
  else if (total >= 70) and (total <=79) then
    Grade := 'B'
  else if (total >= 60) and (total <=69) then
    Grade := 'C'
  else if (total >= 50) and (total <=59) then
    Grade := 'D'
  else if (total >= 0) and (total <=50) then
    Grade := 'E';
```



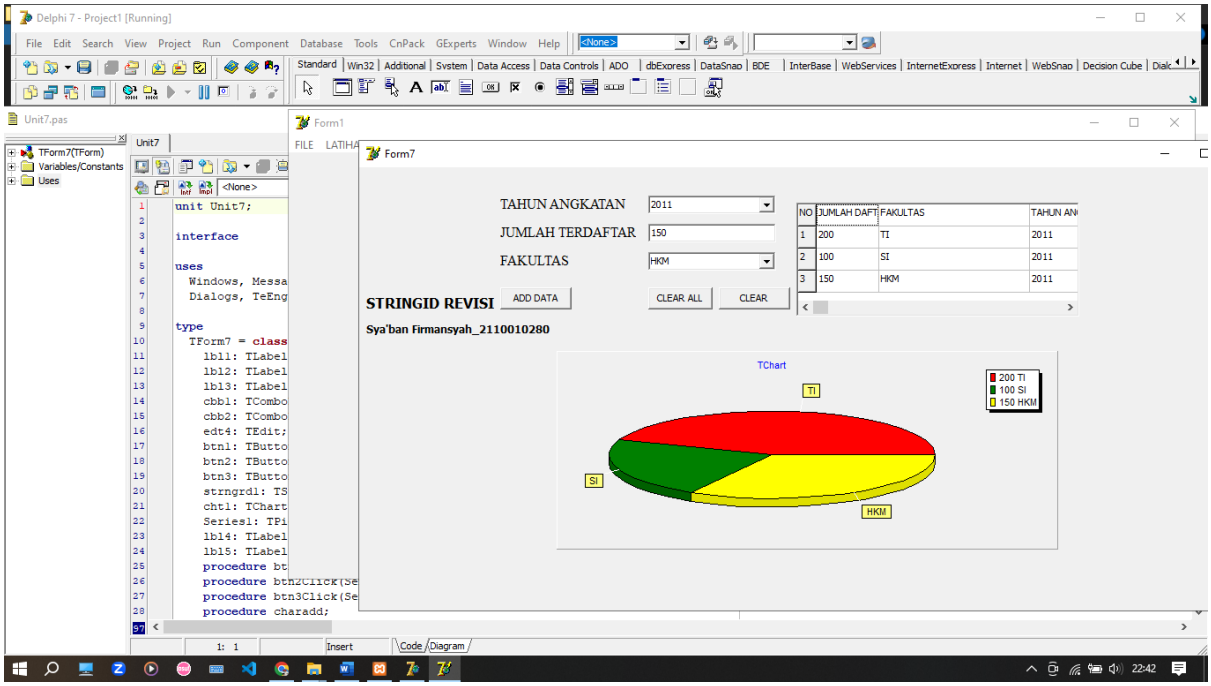
```
    Grade := 'D'
  else if (total >= 0) and (total <=50) then
    Grade := 'E';

  Edit6.Text:=FloatToStr(Total);
  Edit7.Text:= Grade;
  Edit8.Text:= keterangan;
end;

procedure TForm5.btn2Click(Sender: TObject);
begin
Edit1.Text:='';
Edit2.Text:='';
Edit3.Text:='';
Edit4.Text:='';
Edit5.Text:='';
Edit6.Text:='';
Edit7.Text:='';
Edit8.Text:='';
end;

procedure TForm5.btn3Click(Sender: TObject);
begin
close;
end;

end.
```

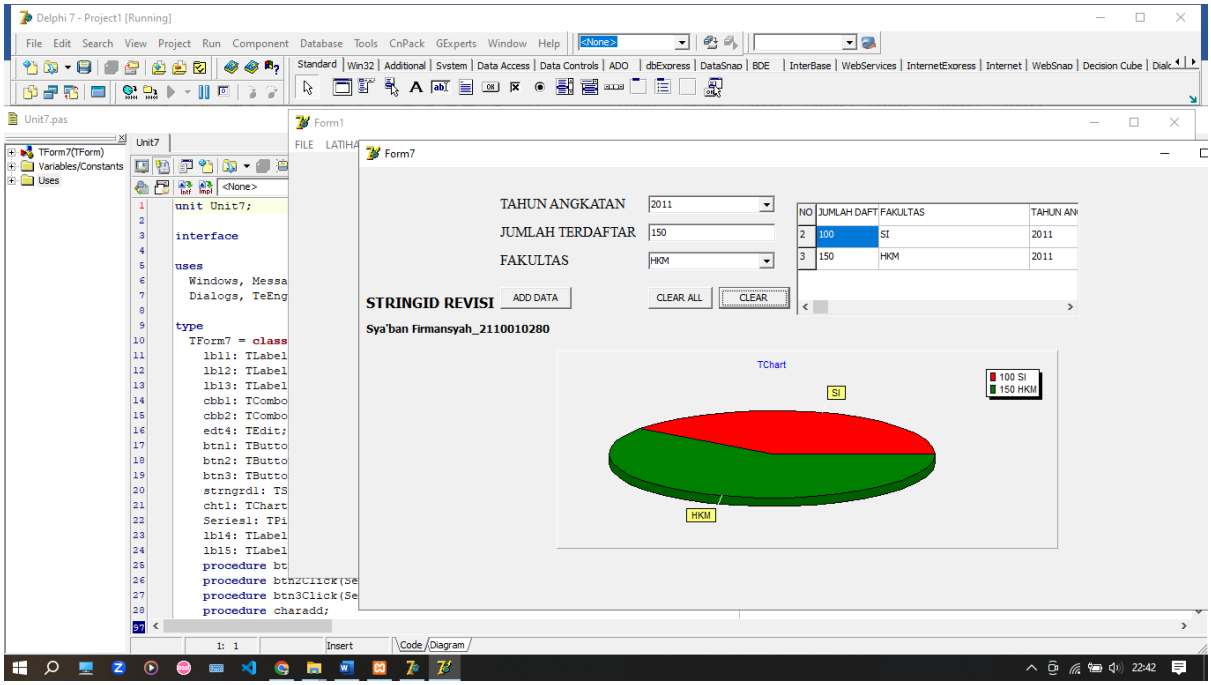
6. GRAFIK STRINGID

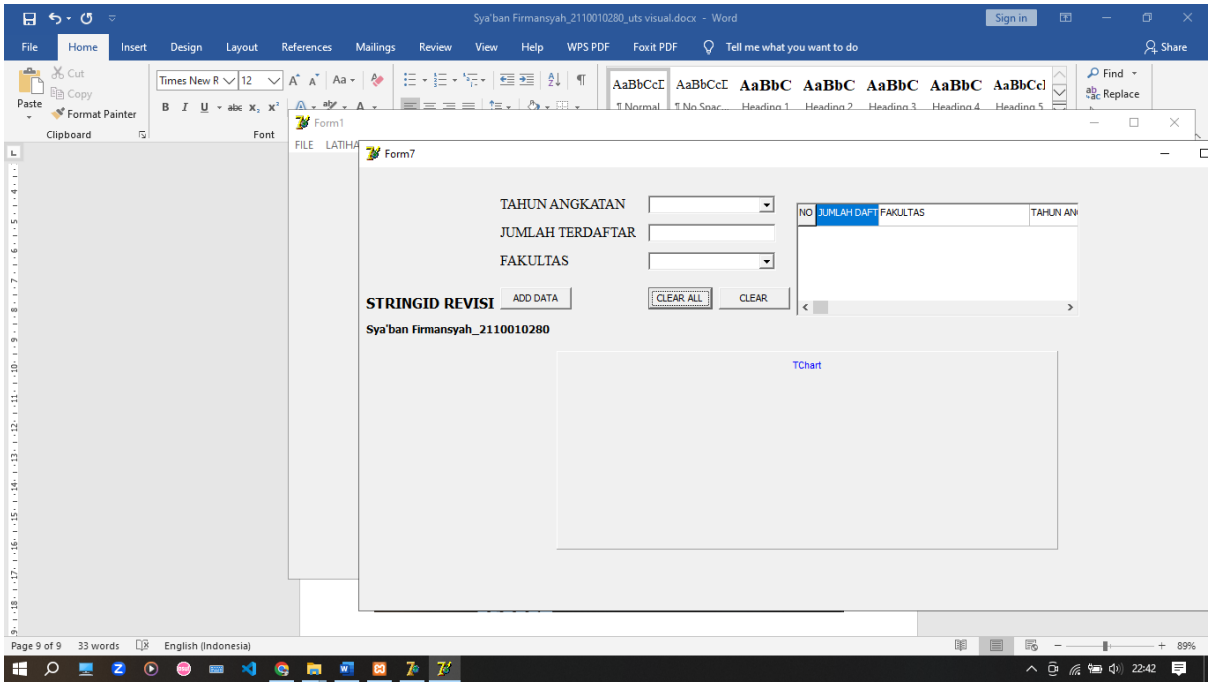


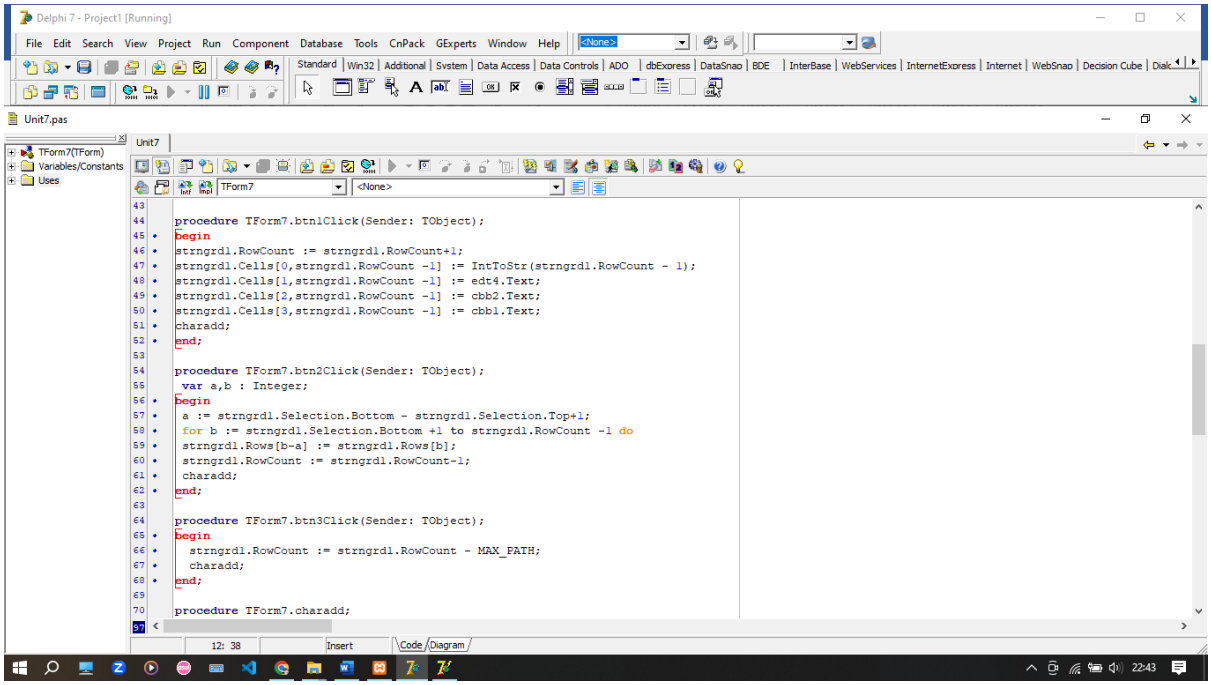


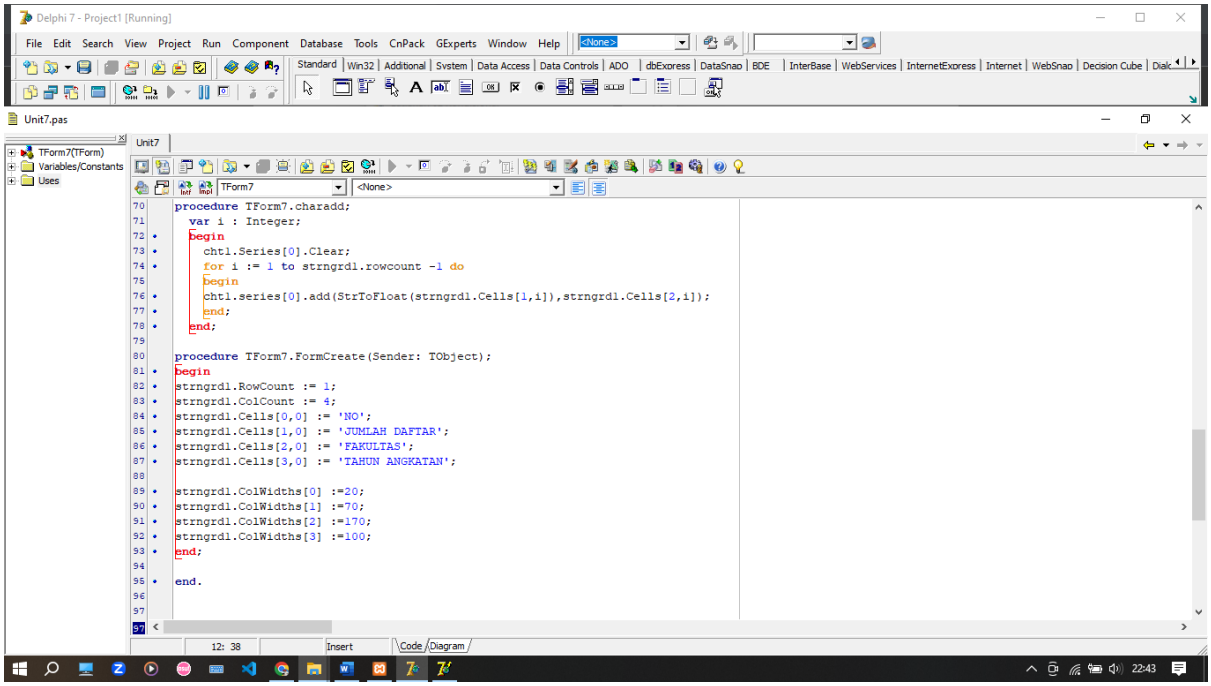
7. GRAFIK STRINGID REVISI


Delphi 7 - Project1 [Running]
Unit7.pas
Form1
Form7
TAHUN ANGKATAN
2011
JUMLAH TERDAFTAR
150
FAKULTAS
HKM
STRINGID REVISI
ADD DATA
CLEAR ALL
CLEAR
Sya'ban Firmansyah_2110010280
TChart
TI
SI
HKM
200 TI
100 SI
150 HKM


Delphi 7 - Project1 [Running]
Unit7.pas
Form1
Form7
TAHUN ANGKATAN
2011
JUMLAH TERDAFTAR
150
FAKULTAS
HKM
STRINGID REVISI
ADD DATA
CLEAR ALL
CLEAR
Sya'ban Firmansyah_2110010280
TChart
SI
HKM
100 SI
150 HKM

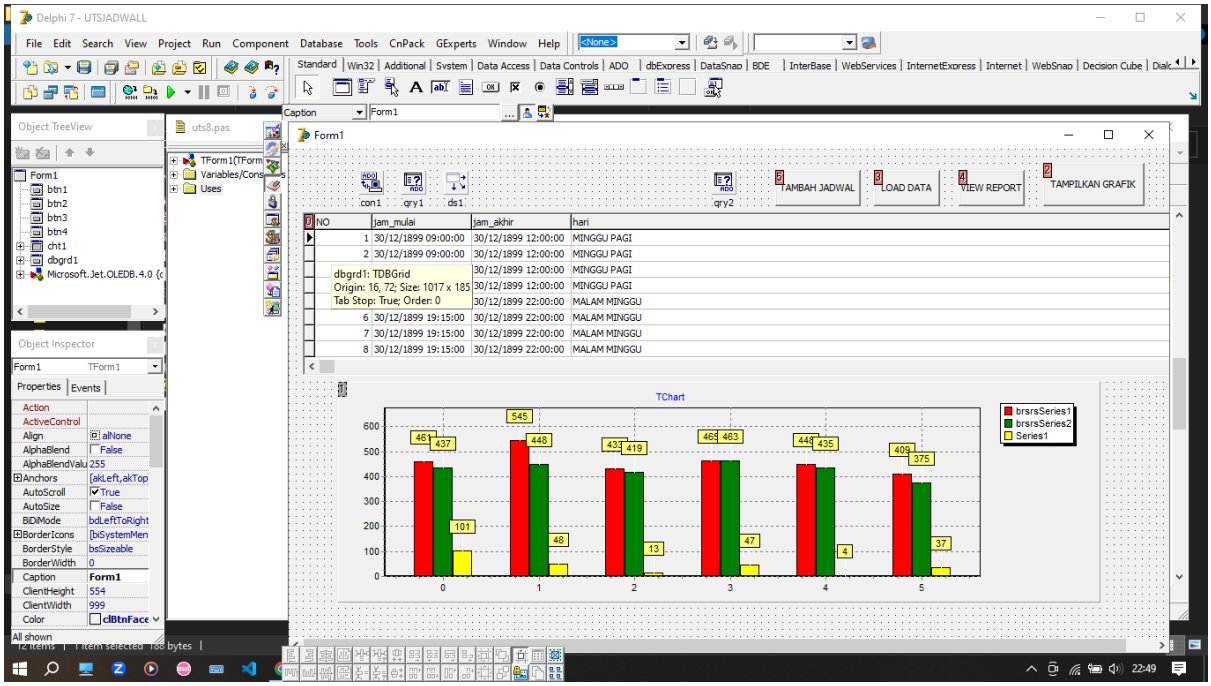

Sya'ban Firmansyah_2110010280_uts visual.docx - Word
Form1
Form7
TAHUN ANGKATAN
JUMLAH TERDAFTAR
FAKULTAS
NO
JUMLAH DAFT
FAKULTAS
TAHUN ANG
STRINGID REVISI
ADD DATA
CLEAR ALL
CLEAR
Sya'ban Firmansyah_2110010280
TChart

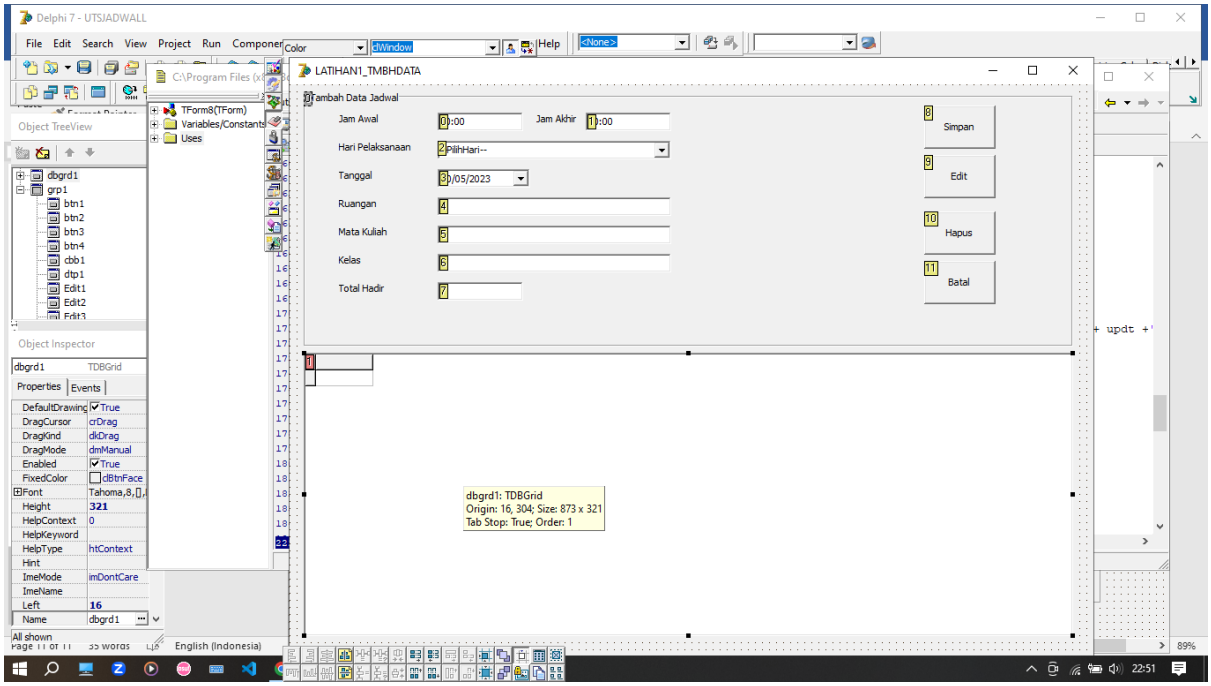

Delphi 7 - Project1 [Running]
Unit7.pas
Unit7
TForm7(TForm)
Variables/Constants
Uses
TForm7
<None>
procedure TForm7.btn1Click(Sender: TObject);
begin
strngrdl.RowCount := strngrdl.RowCount+1;
strngrdl.Cells[0,strngrdl.RowCount -1] := IntToStr(strngrdl.RowCount - 1);
strngrdl.Cells[1,strngrdl.RowCount -1] := edt4.Text;
strngrdl.Cells[2,strngrdl.RowCount -1] := cbb2.Text;
strngrdl.Cells[3,strngrdl.RowCount -1] := cbb1.Text;
charadd;
end;
procedure TForm7.btn2Click(Sender: TObject);
var a,b : Integer;
begin
a := strngrdl.Selection.Bottom - strngrdl.Selection.Top+1;
for b := strngrdl.Selection.Bottom +1 to strngrdl.RowCount -1 do
strngrdl.Rows[b-a] := strngrdl.Rows[b];
strngrdl.RowCount := strngrdl.RowCount-1;
charadd;
end;
procedure TForm7.btn3Click(Sender: TObject);
begin
strngrdl.RowCount := strngrdl.RowCount - MAX_PATH;
charadd;
end;
procedure TForm7.charadd;
12: 38
Insert
Code
Diagram

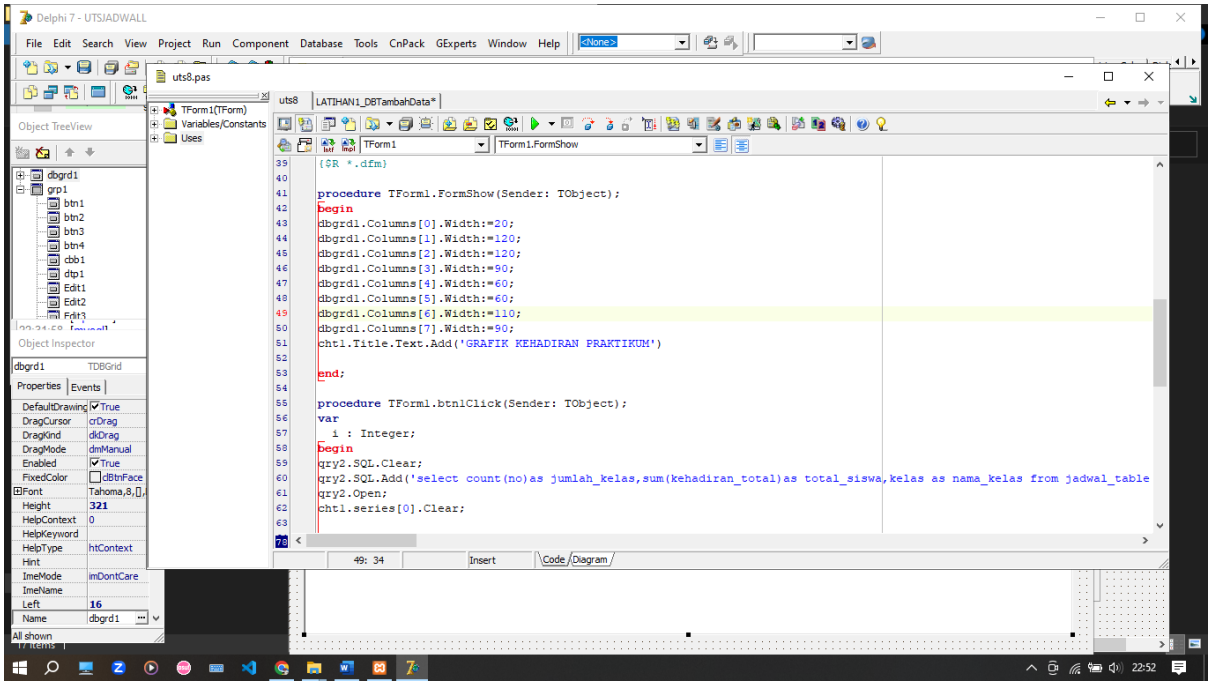


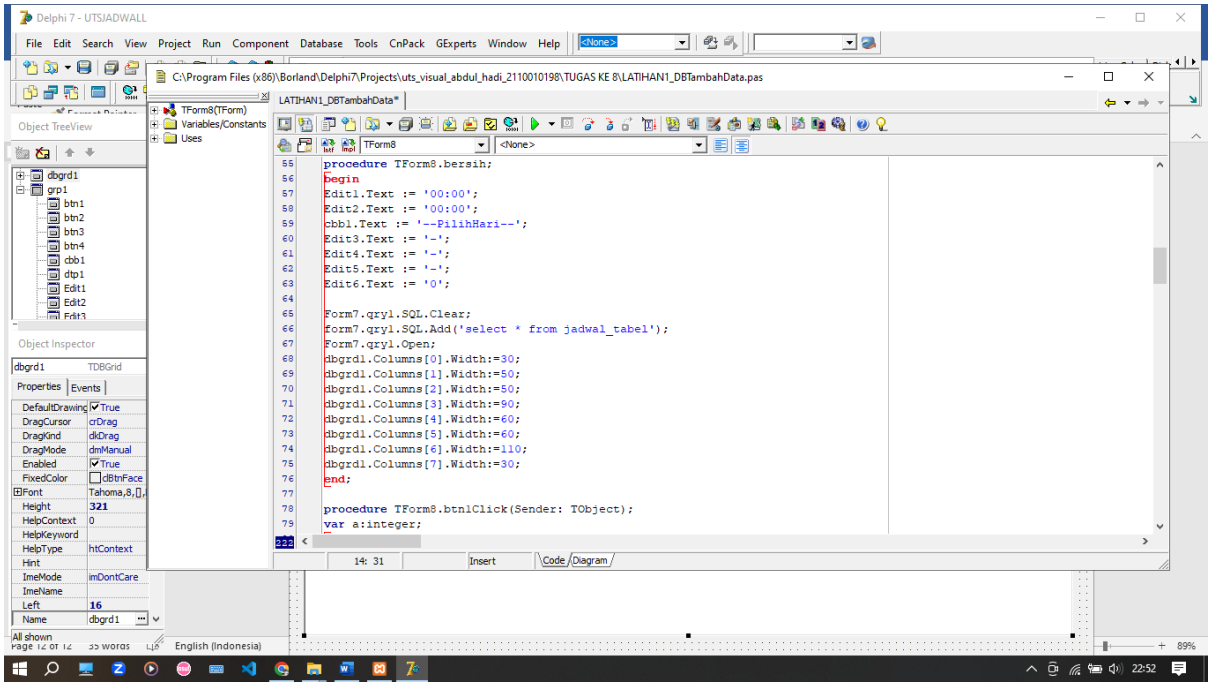
```
procedure TForm7.charadd;
  var i : Integer;
  begin
    cht1.Series[0].Clear;
    for i := 1 to strngrd1.rowcount -1 do
    begin
    cht1.series[0].add(StrToFloat(strngrd1.Cells[1,i]),strngrd1.Cells[2,i]);
    end;
  end;

procedure TForm7.FormCreate(Sender: TObject);
begin
strngrd1.RowCount := 1;
strngrd1.ColCount := 4;
strngrd1.Cells[0,0] := 'NO';
strngrd1.Cells[1,0] := 'JUMLAH DAFTAR';
strngrd1.Cells[2,0] := 'FAKULTAS';
strngrd1.Cells[3,0] := 'TAHUN ANGKATAN';

strngrd1.ColWidths[0] :=20;
strngrd1.ColWidths[1] :=70;
strngrd1.ColWidths[2] :=170;
strngrd1.ColWidths[3] :=100;
end;

end.
```

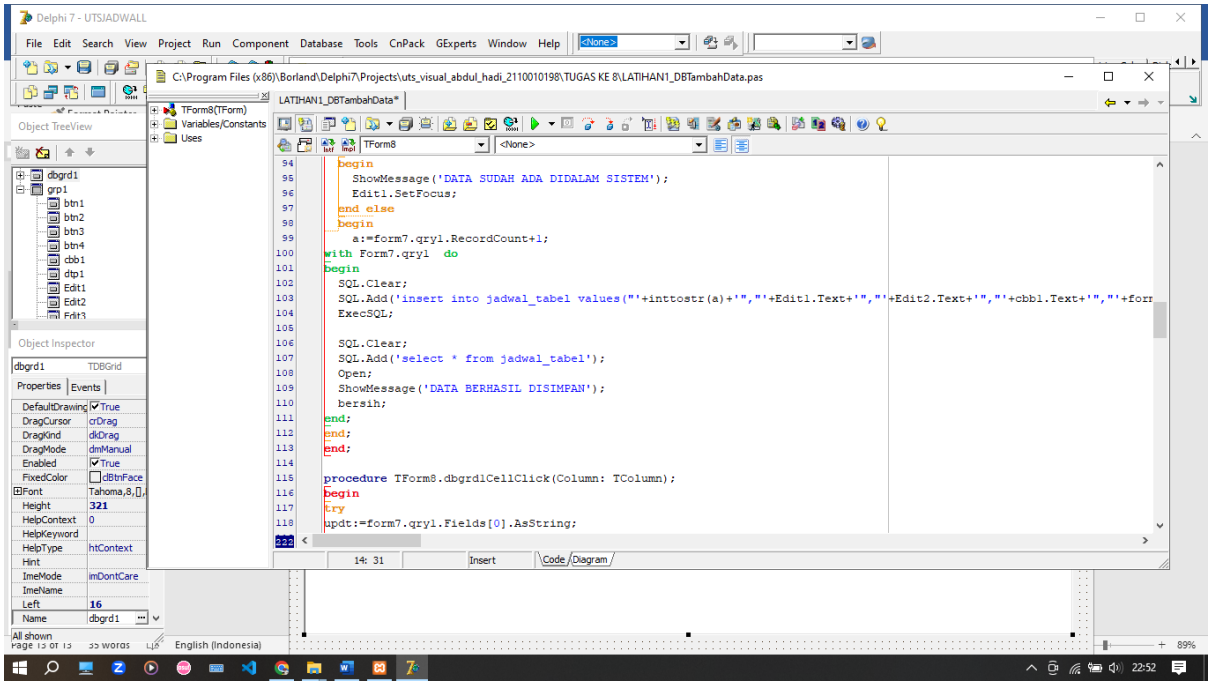
8. DATABASE

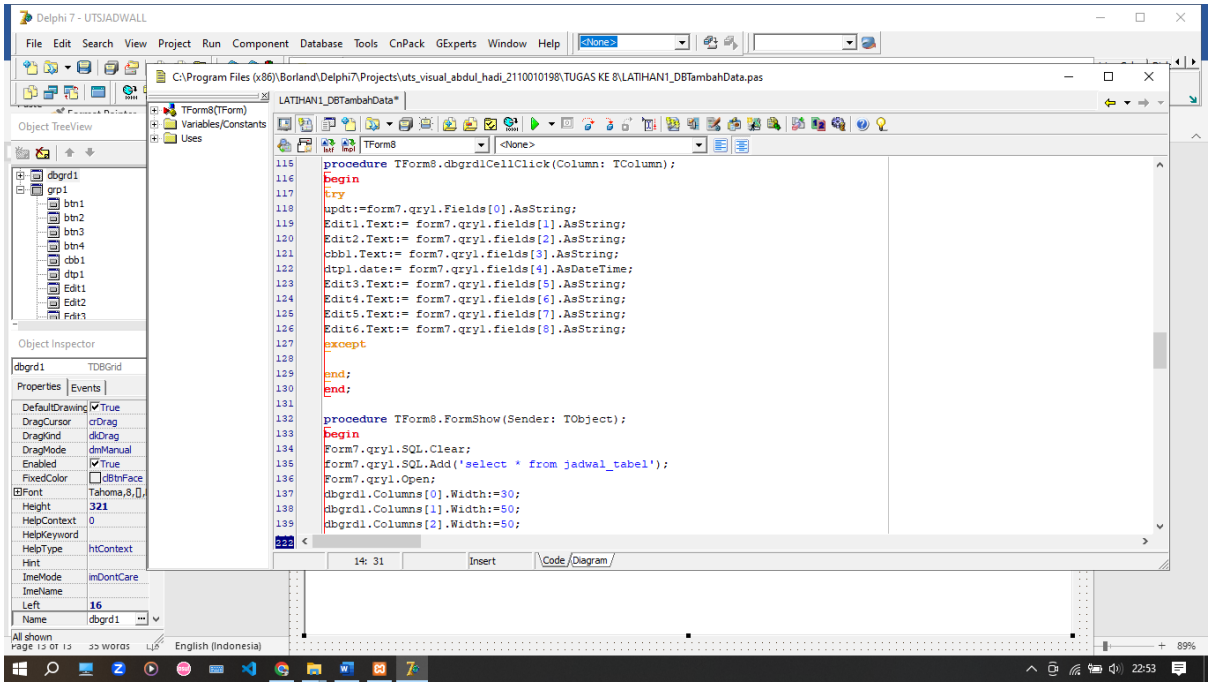


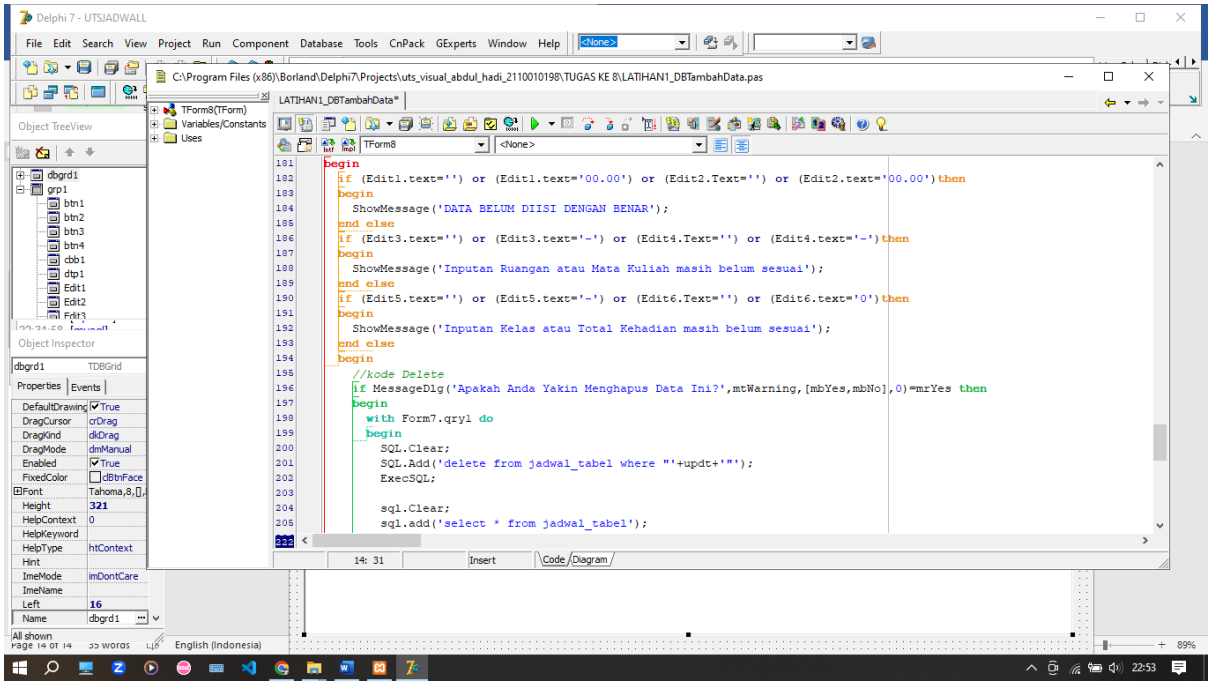

Delphi 7 - UTSJADWALL
LATIHAN1_TMBHDATA
Tambah Data Jadwal
Jam Awal
Jam Akhir
Hari Pelaksanaan
PilihHari--
Tanggal
Ruangan
Mata Kuliah
Kelas
Total Hadir
Simpan
Edit
Hapus
Batal
dbgrd1: TDBGrid
Origin: 16, 304; Size: 873 x 321
Tab Stop: True; Order: 1


Delphi 7 - UTSJADWALL
uts8.pas
LATIHAN1_DBTambahData*
TForm1.FormShow
{$R *.dfm}
procedure TForm1.FormShow(Sender: TObject);
begin
dbgrd1.Columns[0].Width:=20;
dbgrd1.Columns[1].Width:=120;
dbgrd1.Columns[2].Width:=120;
dbgrd1.Columns[3].Width:=90;
dbgrd1.Columns[4].Width:=60;
dbgrd1.Columns[5].Width:=60;
dbgrd1.Columns[6].Width:=110;
dbgrd1.Columns[7].Width:=90;
cht1.Title.Text.Add('GRAFIK KEHADIRAN PRAKTIKUM')
end;
procedure TForm1.btn1Click(Sender: TObject);
var
i : Integer;
begin
qry2.SQL.Clear;
qry2.SQL.Add('select count(no)as jumlah_kelas,sum(kehadiran_total)as total_siswa,kelas as nama_kelas from jadwal_table
qry2.Open;
cht1.series[0].Clear;


Delphi 7 - UTSJADWALL
C:\Program Files (x86)\Borland\Delphi7\Projects\uts_visual_abdul_hadi_2110010198\TUGAS KE 8\LATIHAN1_DBTambahData.pas
LATIHAN1_DBTambahData*
procedure TForm8.bersih;
begin
Edit1.Text := '00:00';
Edit2.Text := '00:00';
cbb1.Text := '--PilihHari--';
Edit3.Text := '-';
Edit4.Text := '-';
Edit5.Text := '-';
Edit6.Text := '0';
Form7.qry1.SQL.Clear;
form7.qry1.SQL.Add('select * from jadwal_tabel');
Form7.qry1.Open;
dbgrd1.Columns[0].Width:=30;
dbgrd1.Columns[1].Width:=50;
dbgrd1.Columns[2].Width:=50;
dbgrd1.Columns[3].Width:=90;
dbgrd1.Columns[4].Width:=60;
dbgrd1.Columns[5].Width:=60;
dbgrd1.Columns[6].Width:=110;
dbgrd1.Columns[7].Width:=30;
end;
procedure TForm8.btn1Click(Sender: TObject);
var a:integer;


Delphi 7 - UTSJADWALL
C:\Program Files (x86)\Borland\Delphi7\Projects\uts_visual_abdul_hadi_2110010198\TUGAS KE 8\LATIHAN1_DBTambahData.pas
LATIHAN1_DBTambahData*
begin
ShowMessage('DATA SUDAH ADA DIDALAM SISTEM');
Edit1.SetFocus;
end else
begin
a:=form7.qry1.RecordCount+1;
with Form7.qry1 do
begin
SQL.Clear;
SQL.Add('insert into jadwal_tabel values('''+inttostr(a)+''','''+Edit1.Text+''','''+Edit2.Text+''','''+cbb1.Text+''','''+forr
ExecSQL;
SQL.Clear;
SQL.Add('select * from jadwal_tabel');
Open;
ShowMessage('DATA BERHASIL DISIMPAN');
bersih;
end;
end;
end;
procedure TForm8.dbgrd1CellClick(Column: TColumn);
begin
try
updt:=form7.qry1.Fields[0].AsString;


Delphi 7 - UTSJADWALL
C:\Program Files (x86)\Borland\Delphi7\Projects\uts_visual_abdul_hadi_2110010198\TUGAS KE 8\LATIHAN1_DBTambahData.pas
LATIHAN1_DBTambahData*
procedure TForm8.dbgrd1CellClick(Column: TColumn);
begin
try
updt:=form7.qry1.Fields[0].AsString;
Edit1.Text:= form7.qry1.fields[1].AsString;
Edit2.Text:= form7.qry1.fields[2].AsString;
cbb1.Text:= form7.qry1.fields[3].AsString;
dtp1.date:= form7.qry1.fields[4].AsDateTime;
Edit3.Text:= form7.qry1.fields[5].AsString;
Edit4.Text:= form7.qry1.fields[6].AsString;
Edit5.Text:= form7.qry1.fields[7].AsString;
Edit6.Text:= form7.qry1.fields[8].AsString;
except
end;
end;
procedure TForm8.FormShow(Sender: TObject);
begin
Form7.qry1.SQL.Clear;
form7.qry1.SQL.Add('select * from jadwal_tabel');
Form7.qry1.Open;
dbgrd1.Columns[0].Width:=30;
dbgrd1.Columns[1].Width:=50;
dbgrd1.Columns[2].Width:=50;


Delphi 7 - UTSJADWALL
C:\Program Files (x86)\Borland\Delphi7\Projects\uts_visual_abdul_hadi_2110010198\TUGAS KE 8\LATIHAN1_DBTambahData.pas
LATIHAN1_DBTambahData*
begin
if (Edit1.text='') or (Edit1.text='00.00') or (Edit2.Text='') or (Edit2.text='00.00')then
begin
ShowMessage('DATA BELUM DIISI DENGAN BENAR');
end else
if (Edit3.text='') or (Edit3.text='-') or (Edit4.Text='') or (Edit4.text='-')then
begin
ShowMessage('Inputan Ruangan atau Mata Kuliah masih belum sesuai');
end else
if (Edit5.text='') or (Edit5.text='-') or (Edit6.Text='') or (Edit6.text='0')then
begin
ShowMessage('Inputan Kelas atau Total Kehadian masih belum sesuai');
end else
begin
//kode Delete
if MessageDlg('Apakah Anda Yakin Menghapus Data Ini?',mtWarning,[mbYes,mbNo],0)=mrYes then
begin
with Form7.qry1 do
begin
SQL.Clear;
SQL.Add('delete from jadwal_tabel where "'+updt+'"');
ExecSQL;
sql.Clear;
sql.add('select * from jadwal_tabel');