

LAMPIRAN

1. FORM

```
unit Unit1;
```

```
interface
```

```
uses
```

```
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls,  
  Forms,
```

```
  Dialogs, sSkinManager, ExtCtrls, sPanel, DB, ADODB, StdCtrls,  
  sLabel,
```

```
  DBCtrls, jpeg, Buttons, sBitBtn, CPort, StrUtils, MMSystem;
```

```
type
```

```
  TForm1 = class(TForm)
```

```
    sSkinManager1: TsSkinManager;
```

```
    sPanel1: TsPanel;
```

```
    sPanel2: TsPanel;
```

```
    sPanel3: TsPanel;
```

```
    sPanel4: TsPanel;
```

```
    koneksi: TADOConnection;
```

```
    qsoal: TADOQuery;
```

```
    dssoal: TDataSource;
```

```
    sLabelFX1: TsLabelFX;
```

```
    Shape1: TShape;
```

Image1: TImage;
Shape2: TShape;
lbl1: TLabelFX;
lbl2: TLabelFX;
lbl3: TLabelFX;
lbl4: TLabelFX;
lblnilaia: TLabelFX;
lblnilaib: TLabelFX;
lblnilaic: TLabelFX;
lblgrup: TLabelFX;
sBitBtn1: TBitBtn;
sBitBtn3: TBitBtn;
sBitBtn4: TBitBtn;
sBitBtn5: TBitBtn;
sBitBtn6: TBitBtn;
qnilai: TADOQuery;
qnilaigrup: TStringField;
qnilaijum: TLargeintField;
sBitBtn2: TBitBtn;
qsoalid: TAutoIncField;
qsoalsoal: TStringField;
qsoala: TStringField;
qsoalb: TStringField;
qsoalc: TStringField;
qsoald: TStringField;
qsoaljwb: TStringField;

```

qsoalgrup: TStringField;
lblrec: TLabelFX;
MSComm1: TComPort;
Edit1: TEdit;
Edit2: TEdit;
procedure FormActivate(Sender: TObject);
procedure sBitBtn3Click(Sender: TObject);
procedure sBitBtn1Click(Sender: TObject);
procedure sBitBtn4Click(Sender: TObject);
procedure sBitBtn5Click(Sender: TObject);
procedure sBitBtn6Click(Sender: TObject);
procedure sBitBtn2Click(Sender: TObject);
procedure MSComm1RxChar(Sender: TObject; Count: Integer);
private
    { Private declarations }
public
    { Public declarations }
    rec : Integer;
    lock : Boolean;
end;

var
    Form1: TForm1;

implementation

```

```
uses Unit2;
```

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

```
procedure TForm1.FormActivate(Sender: TObject);
```

```
begin
```

```
  lock:=False;
```

```
  qsoal.Close;
```

```
  qsoal.SQL.Clear;
```

```
  qsoal.SQL.Add('select * from tsoal order by id');
```

```
  qsoal.Open;
```

```
  rec:=1;
```

```
  lblrec.Caption:=inttostr(rec);
```

```
  spanel1.Caption:=qsoalsoal.Value;
```

```
  qsoal.First;
```

```
  lbl1.Caption := 'A. '+qsoala.Value;
```

```
  lbl2.Caption := 'B. '+qsoalb.Value;
```

```
  lbl3.Caption := 'C. '+qsoalc.Value;
```

```
  lbl4.Caption := 'D. '+qsoald.Value;
```

```
  try
```

```
    image1.Picture.LoadFromFile(qsoaljwb.Value);
```

```
  except
```

```
  end;
```

```

if MSComm1.Connected then
    MSComm1.Close
else
    MSComm1.Open;

end;

procedure TForm1.sBitBtn3Click(Sender: TObject);
begin
    lock:=false;
    lblrec.Caption:=inttostr(rec);
    if strtoint(lblrec.Caption)=qsoal.RecordCount then
        begin
            ShowMessage('Pertanyaan Selesai..');
            //panel1.Caption:='Selamat Kepada Grup A Sebagai Pemenang';
        end;
    if rec < qsoal.RecordCount then
        qsoal.Next
    else
        panel1.Caption:='Selamat Kepada Grup A Sebagai Pemenang';

        panel1.Caption:=qsoalsoal.Value;
        lbl1.Caption := 'A. '+qsoala.Value;
        lbl2.Caption := 'B. '+qsoalb.Value;
        lbl3.Caption := 'C. '+qsoalc.Value;

```

```

lbl4.Caption := 'D. '+qsoald.Value;
    try
    image1.Picture.LoadFromFile(qsoaljwb.Value);
except

end;

rec :=rec + 1;
    lblgrup.Caption:='GRUP';
end;

procedure TForm1.sBitBtn1Click(Sender: TObject);
begin
    lock:=false;
    lblrec.Caption:=inttostr(rec);

    if strtoint(lblrec.Caption)=qsoal.RecordCount then
    begin
        ShowMessage('Pertanyaan Selesai. ');
        //spanel1.Caption:='Selamat Kepada Grup A Sebagai Pemenang';
    end;
    try
        qsoal.Edit;
        qsoalgrup.Value:=lblgrup.Caption;
        qsoal.Post;
    except

```

end;

qnilai.Close;

qnilai.sql.Clear;

qnilai.SQL.Add('select grup, count(*)*100 as jum from tsoal where grup="Grup A" group by grup ');

qnilai.Open;

lblnilaia.Caption:='Grup A = ' + qnilaijum.AsString;

qnilai.Close;

qnilai.sql.Clear;

qnilai.SQL.Add('select grup, count(*)*100 as jum from tsoal where grup="Grup B" group by grup ');

qnilai.Open;

lblnilaib.Caption:='Grup B = ' + qnilaijum.AsString;

qnilai.Close;

qnilai.sql.Clear;

qnilai.SQL.Add('select grup, count(*)*100 as jum from tsoal where grup="Grup C" group by grup ');

qnilai.Open;

lblnilaic.Caption:='Grup C = ' + qnilaijum.AsString;

if rec < qsoal.RecordCount then

qsoal.Next

```

else
    spanel1.Caption:='Selamat Kepada Grup A Sebagai Pemenang';

spanel1.Caption:=qsoalsoal.Value;
lbl1.Caption := 'A. '+qsoala.Value;
lbl2.Caption := 'B. '+qsoalb.Value;
lbl3.Caption := 'C. '+qsoalc.Value;
lbl4.Caption := 'D. '+qsoald.Value;
try
    image1.Picture.LoadFromFile(qsoaljwb.Value);
except

end;

rec := rec +1;
    lblgrup.Caption:='GRUP';
end;

procedure TForm1.sBitBtn4Click(Sender: TObject);
begin
    if lock=false then
        begin
            lblgrup.Caption:='Grup A';
            lock:=true;
        end;
end;

```



```
end;
```

```
procedure TForm1.sBitBtn5Click(Sender: TObject);
```

```
begin
```

```
  if lock=false then
```

```
    begin
```

```
      lblgrup.Caption:='Grup B';
```

```
      lock:=true;
```

```
    end;
```

```
end;
```

```
procedure TForm1.sBitBtn6Click(Sender: TObject);
```

```
begin
```

```
  if lock=false then
```

```
    begin
```

```
      lblgrup.Caption:='Grup C';
```

```
      lock:=true;
```

```
    end;
```

```
end;
```

```
procedure TForm1.sBitBtn2Click(Sender: TObject);
```

```
begin
```

```
  form2.Show;
```

```
end;
```

```
procedure TForm1.MSComm1RxChar(Sender: TObject; Count:
Integer);
```

```
var
```

```
//tiket : Double;
```

```
Str : String;
```

```
//cek1, cek2: String;
```

```
begin
```

```
MSComm1.ReadStr(Str, Count);
```

```
edit1.Text:=edit1.Text+Str;//edit2.Text+a;
```

```
edit2.Text:=RightStr(edit1.Text,7); //in on
```

```
if edit2.Text=':IN1ON;' then //ganti in1
```

```
begin
```

```
sBitBtn4Click(self);
```

```
sndPlaySound('C:\WINDOWS\Media\tada.wav',
```

```
SND_NODEFAULT);
```

```
end;
```

```
if edit2.Text=':IN2ON;' then //ganti in1
```

```
begin
```

```
sBitBtn5Click(self);
```

```
sndPlaySound('C:\WINDOWS\Media\Windows Shutdown.wav',
```

```
SND_NODEFAULT);
```

```
end;
```

```

if edit2.Text=':IN3ON;' then //ganti in1
begin
  sBitBtn6Click(self);
  sndPlaySound('C:\WINDOWS\Media\Windows Error.wav',
SND_NODEFAULT);
end;

// MSComm1.ReadStr(Str, Count);

//edit1.Text:=edit1.Text+Str;//edit2.Text+a;
//edit2.Text:=str;

//if edit2.Text=':IN1ON;' then //ganti in1
// begin
//sBitBtn4Click(self);
//sndPlaySound('C:\WINDOWS\Media\tada.wav',
SND_NODEFAULT);
//end;

end;
end.

```