

LAMPIRAN A

Listing Program

LISTING PROGRAM PADA FORM PETUGAS

```
procedure TfrmDataPetugas.FormActivate(Sender: TObject);
begin
  With dm.qProses Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Select NIP,Nama From Data');
      Open;
    End;
end;
```

```
procedure TfrmDataPetugas.Button1Click(Sender: TObject);
begin
  With dm.qData Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Insert Into Data(NIP, Nama) '+
        'Values(:nip, :nm)');
      Prepare;
      ParamByName('nip').AsString := edNIP.Text;
      ParamByname('nm').AsString := edNama.Text;
      ExecSql;
    End;
```

```
dm.trButaWarna.Commit;
edNIP.Clear;
edNama.Clear;
edNIP.SetFocus;
```

```
With dm.qProses Do
Begin
  Close;
  Sql.Clear;
  Sql.Add('Select NIP,Nama From Data');
  Open;
```

End;

end;

```
procedure TfrmDataPetugas.Button2Click(Sender: TObject);  
begin
```

```
  With dm.qProses Do
```

```
    Begin
```

```
      Close;
```

```
      Sql.Clear;
```

```
      Sql.Add('Delete From Data');
```

```
      Sql.Add('Where NIP =:nip');
```

```
      Prepare;
```

```
      ParamByName('nip').AsString := edNIP.Text;
```

```
      ExecSql;
```

```
    End;
```

```
  dm.trButaWarna.Commit;
```

```
  With dm.qProses Do
```

```
    Begin
```

```
      Close;
```

```
      Sql.Clear;
```

```
      Sql.Add('Select NIP, Nama From Data');
```

```
      Open;
```

```
    End;
```

end;

```
procedure TfrmDataPetugas.Button3Click(Sender: TObject);  
begin
```

```
  Close;
```

```
end;
```

LISTING PROGRAM PADA FORM PASIEN

```
procedure TfrmDataPasien.FormCreate(Sender: TObject);
begin
    list := TStringList.Create;
end;

function TfrmDataPasien.UnikNomor(max:Integer):Integer;
begin
    repeat
        result := Random(max);
        Application.ProcessMessages;
    until (list.IndexOf(IntToStr(result))=-1) or (list.Count>=max) ;
end;

procedure TfrmDataPasien.Button1Click(Sender: TObject);
var
    i,maxRandom:Integer;
begin
    Randomize;

    maxRandom := 26;

    repeat
        i := UnikNomor(maxRandom);
        list.Add(IntToStr(i));

        if i>1 then
            (Application.Components[i] as TForm).ShowModal
    until (list.Count>=maxRandom);

    Form25.show;
end;

procedure TfrmDataPasien.FormDestroy(Sender: TObject);
begin
```

```

list.Free
end;

procedure TfrmDataPasien.Button2Click(Sender: TObject);
begin
  close;
end;

procedure TfrmDataPasien.FormShow(Sender: TObject);
begin
  With dm.qData Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Select Max(NoPasien) From DataPasien');
      Open;
      edNoPasien.Text := FormatFloat('000000',StrToFloat(Fields[0].Value));
    End;

  With dm.qData Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Select NoPasien From DataPasien');
      Open;

      If Fields[0].IsNull Then
        Begin
          edNoPasien.Text := '000001';
        End
      Else

        Begin
          With dm.qData Do
            Begin
              Close;
              Sql.Clear;
              Sql.Add('Select Max(NoPasien) From DataPasien');
              Open;

              edNoPasien.Text := FormatFloat('000000',StrToFloat(Fields[0].Value+1));

            End;
          End;
        End;
      End;
    End;
  End;
end;

```

```

        End;
    End;

    edTgl.Text := DateToStr(Date);
end;

procedure TfrmDataPasien.Button3Click(Sender: TObject);
begin
    With dm.qData Do
        Begin
            Close;
            Sql.Clear;
            Sql.Add('Insert Into DataPasien(NoPasien, Nama, Umur, JenisKelamin, Alamat,
Pekerjaan, Tgl ) '+
'Values(:np, :nm, :umur, :jk, :almt, :pkj, :tgl)');
            Prepare;
            ParamByName('np').AsString := edNoPasien.Text;
            ParamByname('nm').AsString := edNama.Text;
            ParamByName('umur').AsString := edUmur.Text;
            ParamByname('jk').AsString := cmbJenisKelamin.Text;
            ParamByName('almt').AsString := edAlamat.Text;
            ParamByname('pkj').AsString := edPekerjaan.Text;
            ParamByname('tgl').AsString := edTgl.Text;
            ExecSql;
            End;

            dm.trButaWarna.Commit;

            edNoPasien.Clear;
            edNama.Clear;
            edUmur.Clear;
            cmbJenisKelamin.Clear;
            edAlamat.Clear;
            edPekerjaan.Clear;
            edTgl.Clear;
            edNoPasien.SetFocus;

            With dm.qProses Do
                Begin
                    Close;
                    Sql.Clear;
                    Sql.Add('Select NoPasien,Nama, Umur, JenisKelamin, Alamat, Pekerjaan, Tgl From
DataPasien');

```

```

Open;
End;

button3.enabled := false;
button1.enabled := true;
end;

procedure TfrmDataPasien.FormActivate(Sender: TObject);
begin
  With dm.qProses Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Select NoPasien,Nama,Umur,JenisKelamin, Alamat,Pekerjaan, Tgl
From DataPasien');
      Open;
      End;
end;

```

LISTING PROGRAM PADA FORM TES BUTA WARNA 1

```

implementation
  uses U_Array;

procedure TForm1.Button1Click(Sender: TObject);
begin
  jawaban[1] := StrToInt(edit1.text);

  if jawaban[1] <> 12 then
    begin
      hasil := 'Buta Warna Total';
      end;

  close;
end;

```

LISTING PROGRAM PADA FORM TES BUTA WARNA 2

```

implementation
  uses U_Array;

procedure TForm2.Button1Click(Sender: TObject);

```

```

begin
jawaban[2] := StrToInt(edit1.text);

if jawaban[2] <> 8 then
begin
z := z+1;
end;

close;
end;

```

LISTING PROGRAM PADA FORM TES BUTA WARNA 3

```

implementation
uses U_Array;

procedure TForm18.Button1Click(Sender: TObject);
begin
if RadioButton2.checked = true then
begin
hasil := 'Buta Warna Parsial';
end;

if RadioButton4.checked = true then
begin
hasil := 'Buta Warna Parsial';
end;

if RadioButton5.checked = true then
begin
hasil := 'Buta Warna Parsial';
end;

if RadioButton6.checked = true then
begin
hasil := 'Buta Warna Parsial';
end;

close;

```


end;

LISTING PROGRAM PADA FORM TES BUTA WARNA 4

```
procedure TForm25.Button1Click(Sender: TObject);
```

```
begin
```

```
  if hasil = 'Buta Warna Total' then
```

```
    begin
```

```
      edit2.Text := hasil;
```

```
    end;
```

```
  if hasil <> 'Buta Warna Total' then
```

```
    if z > 3 then
```

```
      begin
```

```
        edit2.Text := 'Buta Warna Parsial';
```

```
      end;
```

```
  if hasil <> 'Buta Warna Total' then
```

```
    if z < 3 then
```

```
      if y >= 1 then
```

```
        begin
```

```
          edit2.Text := 'Buta Warna Parsial';
```

```
        end;
```

```
  if hasil <> 'Buta Warna Total' then
```

```
    if z < 3 then
```

```
      if y < 1 then
```

```
        if x >= 1 then
```

```
          begin
```

```
            edit2.Text := 'Buta Warna Parsial';
```

```
          end;
```

```
  if hasil <> 'Buta Warna Total' then
```

```
    if z < 3 then
```

```
      if y < 1 then
```

```
        if x < 1 then
```

```
          if a <= 19 then
```

```
            begin
```

```
              edit2.Text := 'Buta Warna Parsial';
```

```
            end;
```

```

if hasil <> 'Buta Warna Total' then
  if z < 3 then
    if y < 1 then
      if x < 1 then
        if a > 19 then
          begin
            edit2.Text := 'Normal';
          end;

close;

With dm.qData Do
Begin
Close;
Sql.Clear;
Sql.Add('Insert Into Tes(NoPasien, Hasil) '+
'Values(:np, :hsl)');
Prepare;
ParamByName('np').AsString := Edit1.Text;
ParamByname('hsl').AsString := Edit2.text;
ExecSql;
End;

dm.trButaWarna.Commit;

Edit1.Clear;
Edit2.Clear;

With dm.qProses Do
Begin
Close;
Sql.Clear;
Sql.Add('Select NoPasien,Hasil From Tes');
Open;
End;

close;
end;

procedure TForm25.FormShow(Sender: TObject);
begin
With dm.qData Do

```

```

Begin
Close;
Sql.Clear;
Sql.Add('Select Max(NoPasien) From DataPasien');
Open;
Edit1.Text := FormatFloat('000000',StrToFloat(Fields[0].Value));
End;
end;

```

LISTING PROGRAM PADA FORM LAPORAN

```

procedure TfrmLaporan.FormShow(Sender: TObject);
begin
  edTgl.Text := DateToStr(Date);

  cmbNoPasien.Clear;
  With dm.QProses Do
  Begin
  Close;
  Sql.Clear;
  Sql.Add('Select Distinct NoPasien From DataPasien');
  Sql.Add('Order by NoPasien');
  Open;
  while not Eof do
  begin
    cmbNoPasien.Items.Add(Trim(Fields[0].AsString));
    Next;
  end;
end;

  cmbNIP.Clear;
  With dm.QProses Do
  Begin
  Close;
  Sql.Clear;
  Sql.Add('Select Distinct NIP From Data');
  Sql.Add('Order by NIP');
  Open;
  while not Eof do
  begin
    cmbNIP.Items.Add(Trim(Fields[0].AsString));
    Next;
  end;
end;

```

```

    end;
  end;
end;

procedure TfrmLaporan.cmbNoPasienChange(Sender: TObject);
begin
  With dm.qData Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Select Nama,Umur,JenisKelamin,Alamat,Pekerjaan From DataPasien');
      Sql.Add('Where NoPasien =:np');
      Prepare;
      ParamByName('np').AsString :=cmbNoPasien.Text;
      Open;
      edNama.Text := Trim(Fields[0].AsString);
      edUmur.Text := Trim(Fields[1].AsString);
      edJenisKelamin.Text := Trim(Fields[2].AsString);
      edAlamat.Text := Trim(Fields[3].AsString);
      edPekerjaan.Text := Trim(Fields[4].AsString);
      End;

      With dm.qData Do
        Begin
          Close;
          Sql.Clear;
          Sql.Add('Select Hasil From Tes');
          Sql.Add('Where NoPasien =:np');
          Prepare;
          ParamByName('np').AsString :=cmbNoPasien.Text;
          Open;
          edHasil.Text := Trim(Fields[0].AsString);
          End;
        end;
      end;

procedure TfrmLaporan.cmbNIPChange(Sender: TObject);
begin
  With dm.qData Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Select Nama From Data');
      Sql.Add('Where NIP =:nip');

```

```

    Prepare;
    ParamByName('nip').AsString :=cmbNIP.Text;
    Open;
    edNamaPegawai.Text := Trim(Fields[0].AsString);
    End;
end;

procedure TfrmLaporan.Button1Click(Sender: TObject);
begin
    With dm.qData Do
        Begin
            Close;
            Sql.Clear;
            Sql.Add('Select NoTes From TesButaWarna');
            Open;

            If Fields[0].IsNull Then
                Begin
                    edNoTes.Text := '00001';
                End
            Else
                Begin
                    With dm.qData Do
                        Begin
                            Close;
                            Sql.Clear;
                            Sql.Add('Select Max(NoTes) From TesButaWarna');
                            Open;
                            edNoTes.Text := FormatFloat('00000',StrToFloat(Fields[0].Value+1));
                        End;
                    End;
                End;
            End;
end;

procedure TfrmLaporan.Button2Click(Sender: TObject);
begin
    With dm.qData Do
        Begin
            Close;
            sql.Clear;

```

```

        Sql.Add('Insert Into
TesButaWarna(NoTes,NoPasi en,Tgl>Nama,Umur,JenisKelamin,Alamat,Pekerjaan,Ha
sil>NamaPetugas) '+
        'Values (:nt, :np,:tg, :nm,:um, :jk, :alm,:pkj, :hsl,:nmp)');
        Prepare;
        ParamByName('nt').AsString := Trim(edNoTes.Text);
        ParamByName('np').AsString := Trim(cmbNoPasi en.Text);
        ParamByName('tg').AsString := Trim(edTgl.text);
        ParamByName('nm').AsString := Trim(edNama.Text);
        ParamByName('um').AsString := Trim(edUmur.text);
        ParamByName('jk').AsString := Trim(edJenisKelamin.Text);
        ParamByName('alm').AsString := Trim(edAlamat.text);
        ParamByName('pkj').AsString := Trim(edPekerjaan.Text);
        ParamByName('hsl').AsString := Trim(edHas il.text);
        ParamByName('nmp').AsString := Trim(edNamaPegawai.text);
        ExecSql;
        End;

        dm.trButaWarna.Commit;

        With dm.qProses Do
        Begin
        Close;
        Sql.Clear;
        Sql.Add('Select
Tgl,NoTes,NoPasi en>Nama,Umur,JenisKelamin,Alamat,Pekerjaan,Has il>NamaPetuga
s From TesButaWarna');
        Open;
        End;

        end;

        procedure TfrmLaporan.FormActivate(Sender: TObject);
        begin
        With dm.qProses Do
        Begin
        Close;
        Sql.Clear;
        Sql.Add('Select
Tgl,NoTes,NoPasi en>Nama,Umur,JenisKelamin,Alamat,Pekerjaan,Has il>NamaPetuga
s From TesButaWarna');
        Open;
        End;

```

```
end;
```

```
procedure TfrmLaporan.Button4Click(Sender: TObject);  
begin  
    close;  
end;
```

LISTING PROGRAM PADA FORM LAPORAN PETUGAS

```
procedure TfrmLaporanPetugas.Button1Click(Sender: TObject);  
begin  
    with QLPetugas do  
        begin  
            close;  
            open;  
        end;  
  
        RvLapPetugas.execute;  
end;
```

```
procedure TfrmLaporanPetugas.Button2Click(Sender: TObject);  
begin  
    close;  
end;
```

LISTING PROGRAM PADA FORM LAPORAN PASIEN

```
procedure TfrmLaporanPasien.Button1Click(Sender: TObject);  
begin  
    with QLPasien do  
        begin  
            close;  
            open;  
        end;  
  
        RvLapPasien.execute;  
end;
```

```
procedure TfrmLaporanPasien.Button2Click(Sender: TObject);  
begin  
    close;  
end;
```

LISTING PROGRAM PADA FORM LAPORAN TES BUTA WARNA

```
procedure TfrmLaporanTesButaWarna.FormShow(Sender: TObject);
begin
  cmbNamaPasien.Clear;
  With dm.QProses Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Select Distinct Nama From TesButaWarna');
      Sql.Add('Order by Nama');
      Open;
      while not Eof do
        begin
          cmbNamaPasien.Items.Add(Trim(Fields[0].AsString));
          Next;
        end;
      end;
end;

procedure TfrmLaporanTesButaWarna.Button1Click(Sender: TObject);
begin
  with QLTesButaWarna do
    begin
      close;
      prepare;
      ParamByName('nm').AsString := Trim('%'+cmbNamaPasien.Text+'%');
      open;
      end;

  RvLapTesButaWarna.execute;
end;

procedure TfrmLaporanTesButaWarna.Button2Click(Sender: TObject);
begin
  close;
end;
```