

WHILE

1.

```
procedure TForm1.Button1Click(Sender: TObject);
var i:integer;
begin
  ListBox1.Clear;
  i:=5;
  while i<=80 do
  begin
    ListBox1.Items.Add(IntToStr(i));
    i:=i+5;
  end;
end;
```

2.

```
procedure TForm1.Button1Click(Sender: TObject);
var i,n:integer;
begin
  ListBox1.Clear;
  n:=StrToInt(edit1.text);
  i:=2;
  while i<=n do
  begin
    ListBox1.Items.Add(IntToStr(i*i));
    i:=i+2;
  end;
end;
```

4. a

```
procedure TForm1.Button1Click(Sender: TObject);
var i,n,st:integer;
begin
  ListBox1.Clear;
  n:=StrToInt(edit1.text);
  i:=1;
  st:=2;
  while i<=n do
  begin
    ListBox1.Items.Add(IntToStr(st));
    i:=i+1;
    st:=st*2;
  end;
end;
```

4. b

```
procedure TForm1.Button1Click(Sender: TObject);
var n,st:integer;
begin
  ListBox1.Clear;
  n:=StrToInt(edit1.text);
  st:=2;
  while st<=n do
  begin
    ListBox1.Items.Add(IntToStr(st));
    st:=st*2;
  end;
end;
```

5.

```
procedure TForm1.Button1Click(Sender: TObject);
var x:integer;
begin
  x:=StrToInt(edit1.text);
  while x mod 10=0 do
  x:=x div 10;
  ShowMessage(IntToStr(x));
end;
```

6.

```
procedure TForm1.Button1Click(Sender: TObject);
var x:integer;
begin
  x:=StrToInt(edit1.text);
  while x mod 3=0 do
  x:=x div 3;
  if x=1 then
  ShowMessage('Jeste')
  else
  ShowMessage('Nije');
end;
```