

1.1.

```

Caption = '          '; ClientHeight = 800;
ClientWidth = 1000; Position = poScreenCenter.

```

```

:
- Caption = '          '; Font = 'PalatinoLynotype, Bold, 18';
Height = 40; Left = 100; Top = 100; Visible = True; Width = 150;
- Caption = '          '; Font = 'PalatinoLynotype, Bold,
18'; Height = 40; Left = 750; Top = 660; Visible = False; Width =
150.

```

```

procedure TForm1.Button1Click(Sender: TObject);
begin Button1.Visible:=false;
      Button2.Visible:=true;
end;

```

```

procedure TForm1.Button2Click(Sender: TObject);
begin Button1.Visible:=true;
      Button2.Visible:=false;
end;

```

001

9.



1.2.

```

Caption = '          '; ClientHeight =
800; ClientWidth = 1000; Position = poScreenCenter.

```

```

:
Caption = '          '; Font = 'PalatinoLynotype, Bold, 18'; Height
= 40; Left = 425; Top = 380; Width = 150.

```

```

,
Object Inspector-
OnMouseMove

```

```

:
procedure TForm1.Button1MouseMove(Sender: TObject; Shift: TShiftState; X, Y: Integer);
begin Button1.Left:=Random(650)+100;
      Button1.Top :=Random(560)+100;
end;

```

002

9.



1.3.

```

Caption = 'j, h, k, f, P, g, l, i, m'; ClientHeight = 800;
ClientWidth = 1000; Position = poScreenCenter.

```

```

Caption = 'o'; Font = 'Arial Black, Bold, 9'; Left = 495; Top = 391.

```



```

Caption = 'j, h, k, f, P, g, l, i, m'; Font = 'Wingdings 3, Bold, 28'; Height = 40; Left = (875, 915, 955); Top =
(675, 715, 755); Width = 40.

```

```

top ("
left
").

```

```

procedure TForm1.Button4Click(Sender: TObject);
begin Label1.Left:=Label1.Left-2; //
end;

```

```

procedure TForm1.Button6Click(Sender: TObject);
begin Label1.Left:=Label1.Left+2; //
end;

```

```

procedure TForm1.Button2Click(Sender: TObject);
begin Label1.Top:=Label1.Top-2; //
end;

```

```

procedure TForm1.Button8Click(Sender: TObject);
begin Label1.Top:=Label1.Top+2; //
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
begin Label1.Top:=Label1.Top-2; //
Label1.Left:=Label1.Left-2;
end;

```

```

procedure TForm1.Button9Click(Sender: TObject);
begin Label1.Top:=Label1.Top+2; //
Label1.Left:=Label1.Left+2;
end;

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Label1.Top:=Label1.Top-2; //
Label1.Left:=Label1.Left+2;
end;

```

```

procedure TForm1.Button7Click(Sender: TObject);
begin Label1.Top:=Label1.Top+2; //
Label1.Left:=Label1.Left-2;
end;

```

```

procedure TForm1.Button5Click(Sender: TObject);
begin Label1.Top:=391; //
Label1.Left:=495;
end;

```

003

9.

" "

(char)

1.4.

```

Caption = '
'; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption =
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height =
50; Layout = tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = 330; MaxLength = 1; Top =
100; Width = 50;

```

```

: Font = 'Palatino Linotype, 18'; Left = 330; ReadOnly = True;
Top = (240, 310); Width = 50.

```

```

: AutoSize = False; Caption = (
); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 80; Top = (100,
240, 310); Width = 250.

```

```

: Caption = '
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 170; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
Edit3.Clear; Edit1.SetFocus;
end;

```

```

:
procedure TForm1.Button1Click(Sender: TObject);
var k,p,n:char;
begin k:=Edit1.Text[1]; //
p:=Pred(k); Edit2.Text:=p;
n:=Succ(k); Edit3.Text:=n;
end;

```

004

9.

1.5.

ASCII

```

Caption = '
'; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = 'ASCII
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout =
tlCenter.

```

```

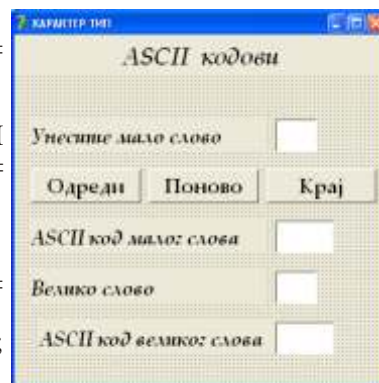
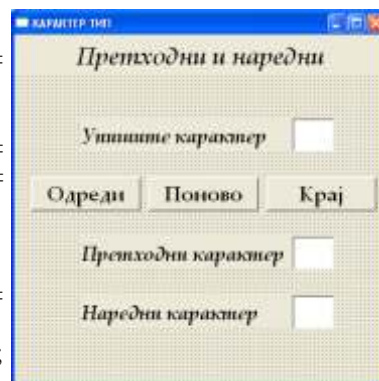
: Font = 'Palatino Linotype, 18'; Left = 330; MaxLength = 1; Top =
100; Width = 50;

```

```

: Font = 'Palatino Linotype, 18'; Left = 330; ReadOnly = True;
Top = (220, 280, 340); Width = (70, 50, 70).

```



```

:
AutoSize = False; Caption = (
, ASCII
, ASCII
); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 80; Top =
(100, 220, 280, 340); Width = 250.
: Caption = '
,
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 160; Width = 130.

:
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

(
):

procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
Edit3.Clear; Edit4.Clear;
Edit1.SetFocus;
end;

:
procedure TForm1.Button1Click(Sender: TObject);
var a, b: char;
begin a := Edit1.Text[1]; //
Edit2.Text := IntToStr(Ord(a));
b := UpCase(a); Edit3.Text := b;
Edit4.Text := IntToStr(Ord(b));
end;

```

005

9.

(integer)

1.6.

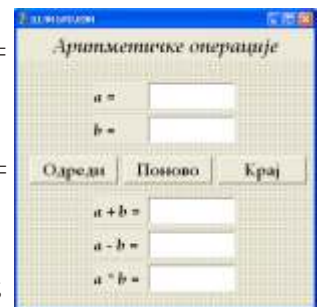
```

:
Caption = '
'; Height = 450; Width = 450; Position =
poScreenCenter.

:
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout =
tlCenter.

:
: Font = 'Palatino Linotype, 18'; Left = 195; Top = (80, 130); Width = 130;
: Font = 'Palatino Linotype, 18'; Left = 195; ReadOnly = True; Top =
(250, 300, 350); Width = 130.

```



```

:
AutoSize = False; Caption = (a =, b =, a + b =, a - b =, a * b =); Font = 'Palatino Linotype, BoldItalic, 18';
Height = 40; Layout = tlCenter. Left = 115; Top = (80, 130, 250, 300, 350); Width = 80.
: Caption = '
,
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 190; Width = 130.

:
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

():

```

procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear;           //
      Edit3.Clear;Edit4.Clear;
      Edit5.Clear;Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a,b,z,r,p:integer;
begin a:=StrToIntDef(Edit1.Text,0);     //
      Edit1.Text:=IntToStr(a);
      b:=StrToInt(Edit2.Text,0);
      Edit2.Text:=IntToStr(b);
      z:=a+b;Edit3.Text:=IntToStr(z);
      r:=a-b;Edit4.Text:=IntToStr(r);
      p:=a*b;Edit5.Text:=IntToStr(p);
end;

```

006

9.

1.7.

```

Caption = '          '; Height = 450; Width = 450; Position = poScreenCenter.

```

```

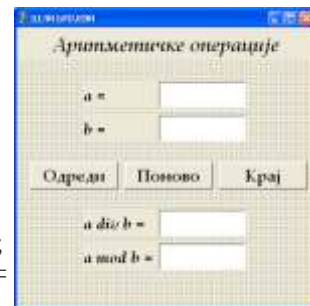
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
      '; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

```

```

      : Font = 'Palatino Linotype, 18'; Left = 210; Top = (80, 130); Width = 130;
      : Font = 'Palatino Linotype, 18'; Left = 210; ReadOnly = True; Top =
(270, 320); Width = 130.

```



```

AutoSize = False; Caption = (a =, b =, a div b =, a mod b =); Font = 'Palatino Linotype, BoldItalic, 18';
Height = 40; Layout = tlCenter. Left = 100; Top = (80, 130, 270, 320); Width = 110.

```

```

      : Caption = '          ',      '; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 200; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate;           //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear;         //
      Edit3.Clear;Edit4.Clear;
      Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a,b,k,o:integer;
begin a:=StrToIntDef(Edit1.Text,0);   //
      Edit1.Text:=IntToStr(a);
      b:=StrToInt(Edit2.Text,0);
      Edit2.Text:=IntToStr(b);
      k:=a div b;Edit3.Text:=IntToStr(k);
      o:=a mod b;Edit4.Text:=IntToStr(o);
end;

```

007

9.

1.8.

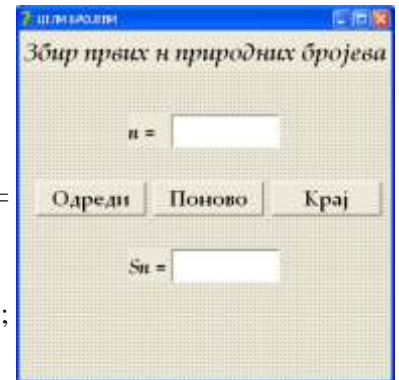
```

1 n,
n/2, n+1.
: s:=n*(n+1) div 2.
Caption = 'Збир првих природних бројева'; Height = 450; Width = 450; Position =
poScreenCenter.
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = 'Збир првих природних бројева';
Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.
:
: Font = 'Palatino Linotype, 18'; Left = 180; Top = 100; Width = 130;
: Font = 'Palatino Linotype, 18'; Left = 180; ReadOnly = True; Top = 260; Width = 130.
:
AutoSize = False; Caption = (n =, Sn =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout =
tlCenter. Left = 130; Top = (100, 260); Width = 50.
: Caption = 'n ='; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.
:
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

( ):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
Edit1.SetFocus;
end;

:
procedure TForm1.Button1Click(Sender: TObject);
var n,s:integer;
begin n:=StrToIntDef(Edit1.Text,0); //
Edit1.Text:=IntToStr(n);
s:=n*(n+1) div 2;
Edit2.Text:=IntToStr(s);
end;

```



008

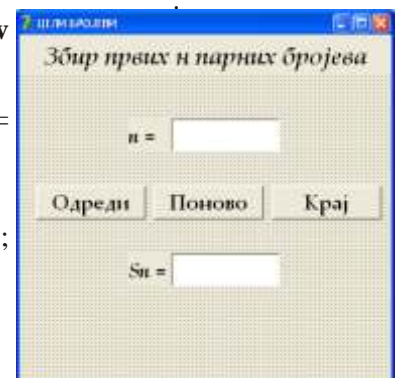
9.

1.9.

```

n 2* ,
2, n
: s:=2 * n*(n+1) div
2 = n*(n+1).
Caption = 'Збир првих и парних бројева'; Height = 450; Width = 450; Position =
poScreenCenter.
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = 'Збир првих и парних бројева';
Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.
:
: Font = 'Palatino Linotype, 18'; Left = 180; Top = 100; Width = 130;

```



```

: Font = 'Palatino Linotype, 18'; Left = 180; ReadOnly = True; Top = 260; Width = 130.

```

```

:
AutoSize = False; Caption = (n =, Sn =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout =
tlCenter. Left = 130; Top = (100, 260); Width = 50.

```

```

: Caption = '
,
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
Edit1.SetFocus;
end;

```

```

:
procedure TForm1.Button1Click(Sender: TObject);
var n, s: integer;
begin n := StrToIntDef(Edit1.Text, 0); //
Edit1.Text := IntToStr(n);
s := n*(n+1);
Edit2.Text := IntToStr(s);
end;

```

009

9.

1.10.

$$2^* -1, \quad n, \quad 2,$$

n.

$$: s := n*(n+1) - n = n*n.$$

```

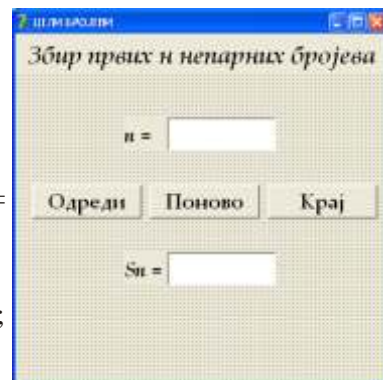
Caption = '
'; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22';
Height = 50; Layout = tlCenter.

```



```

: Font = 'Palatino Linotype, 18'; Left = 180; Top = 100; Width = 130;

```

```

: Font = 'Palatino Linotype, 18'; Left = 180; ReadOnly = True; Top = 260; Width = 130.

```

```

:
AutoSize = False; Caption = (n =, Sn =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout =
tlCenter. Left = 130; Top = (100, 260); Width = 50.

```

```

: Caption = '
,
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //

```

```

Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var n,s:integer;
begin n:=StrToIntDef(Edit1.Text,0); //
      Edit1.Text:=IntToStr(n);
      s:=n*n;
      Edit2.Text:=IntToStr(s);
end;

```

010

9.

1.11.

2^* , n .
 $n/2$, 2 ,
 3 : $s := n \operatorname{div} 2 * ((n \operatorname{div} 2) + 1)$.

```

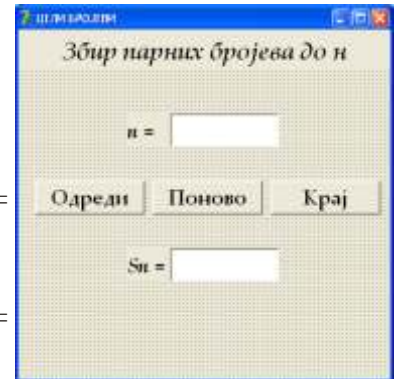
Caption = '
'; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height =
50; Layout = tlCenter.

```



```

: Font = 'Palatino Linotype, 18'; Left = 180; Top = 100; Width = 130;
: Font = 'Palatino Linotype, 18'; Left = 180; ReadOnly = True; Top = 260; Width = 130.

```

```

AutoSize = False; Caption = (n =, Sn =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout =
tlCenter. Left = 130; Top = (100, 260); Width = 50.

```

```

: Caption = '
',
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
      Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var n,s:integer;
begin n:=StrToIntDef(Edit1.Text,0); //
      Edit1.Text:=IntToStr(n);
      s:=n div 2*(n div 2+1);
      Edit2.Text:=IntToStr(s);
end;

```

011

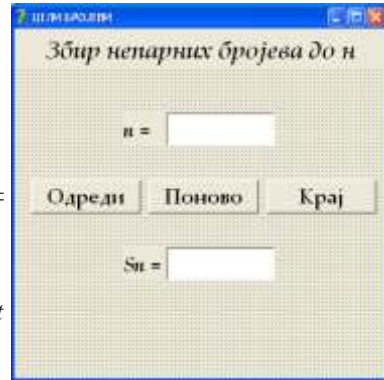
9.

1.12.

$$2^* \frac{n-1}{n/2} \dots 2, \\ : s:=((n+1) \text{ div } 2)*((n+1) \text{ div } 2).$$

Caption = 'Збир непарних бројева до n'; Height = 450; Width = 450; Position = poScreenCenter.

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = 'Збир непарних бројева до n'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.



: Font = 'Palatino Linotype, 18'; Left = 180; Top = 100; Width = 130; : Font = 'Palatino Linotype, 18'; Left = 180; ReadOnly = True; Top = 260; Width = 130.

AutoSize = False; Caption = (n =, Sn =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 130; Top = (100, 260); Width = 50.

: Caption = 'Збир парних бројева до n'; Font = 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

```
(
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear; //
      Edit1.SetFocus;
end;
```

```
procedure TForm1.Button1Click(Sender: TObject);
var n,s:integer;
begin n:=StrToIntDef(Edit1.Text,0); //
      Edit1.Text:=IntToStr(n);
      s:=((n+1) div 2)*((n+1) div 2);
      Edit2.Text:=IntToStr(s);
end;
```

012

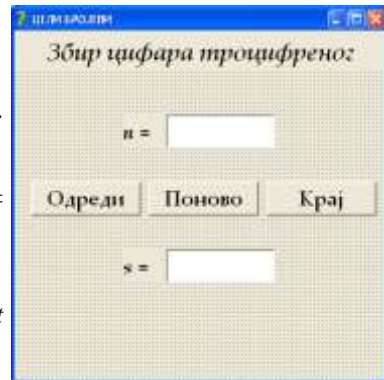
9.

1.13.

$$1, \dots, c1 + 10*c2 + 100*c3 + \dots \text{ mod } 10, a \quad (\text{div } 10).$$

Caption = 'Збир цифара троцифреног'; Height = 450; Width = 450; Position = poScreenCenter.

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = 'Збир цифара троцифреног'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.



```

: Font = 'Palatino Linotype, 18'; Left = 180; MaxLength = 3; Top = 100; Width = 130;
: Font = 'Palatino Linotype, 18'; Left = 180; ReadOnly = True; Top = 260; Width = 130.

:
AutoSize = False; Caption = (n =, S =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout =
tlCenter. Left = 130; Top = (100, 260); Width = 50.
: Caption = '
,
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.
:

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

(
):

procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
Edit1.SetFocus;
end;

:

procedure TForm1.Button1Click(Sender: TObject);
var n, s, p, d, t: integer;
begin n:=StrToIntDef(Edit1.Text, 0); //
Edit1.Text:=IntToStr(n);
p:=n mod 10; //
d:=n div 10 mod 10; //
t:=n div 100; //
s:=p+d+t;
Edit2.Text:=IntToStr(s);
end;

```

013

9.

1.14.

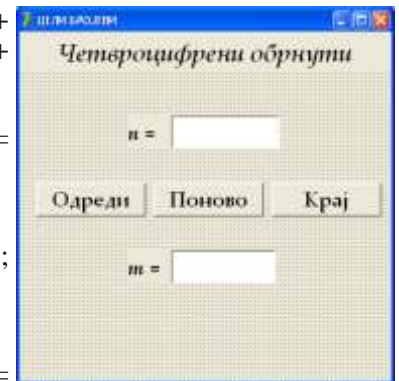
```

: 1000*c +
100*t + 10*d + p, 1000*p +
100*d + 10*t + c. j
:
Caption = '
'; Height = 450; Width = 450; Position =
poScreenCenter.
:
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22';
Height = 50; Layout = tlCenter.
:
: Font = 'Palatino Linotype, 18'; Left = 180; MaxLength = 4; Top =
100; Width = 130;
: Font = 'Palatino Linotype, 18'; Left = 180; ReadOnly = True; Top = 260; Width = 130.

:
AutoSize = False; Caption = (n =, m =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout =
tlCenter. Left = 130; Top = (100, 260); Width = 50.
: Caption = '
,
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.
:

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```



```

procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear;           //
      Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var n,s,p,d,t,c:integer;
begin n:=StrToIntDef(Edit1.Text,0);     //
      Edit1.Text:=IntToStr(n);
      p:=n mod 10;                       //
      d:=n div 10 mod 10;                 //
      t:=n div 100 mod 10;               //
      c:=n div 1000;                     //
      s:=1000*p+100*d+10*t+c;
      Edit2.Text:=IntToStr(s);
end;

```

014

9.

1.15.

```

Caption = '                               '; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

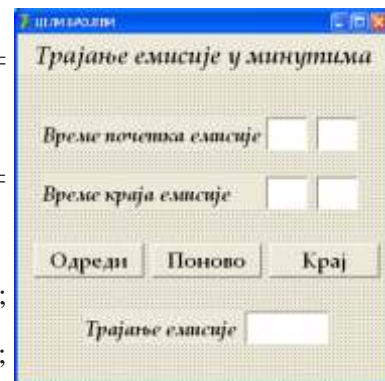
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
                               '; Font = 'Palatino Linotype, BoldItalic, 22'; Height =
50; Layout = tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = (295, 355, 295, 355);
MaxLength = 2; Top = (100, 100, 170, 170); Width = 50;
: Font = 'Palatino Linotype, 18'; Left = 270; ReadOnly = True;
Top = 330; Width = 100.

```



```

AutoSize = False; Caption = (
                               ); Font =
'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = (30, 30, 80); Top = (100, 170,
330); Width = (265, 265, 190).

```

```

: Caption = '
                               '; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 250; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate;           //
end;

```

```

procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear;         //
      Edit3.Clear;Edit4.Clear;
      Edit5.Text;Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var sp,mp,sk,mk,t:integer;
begin sp:=StrToIntDef(Edit1.Text,0);   //
      Edit1.Text:=IntToStr(sp);
      mp:=StrToIntDef(Edit2.Text,0);

```

```

Edit2.Text:=IntToStr(mp);
sk:=StrToIntDef(Edit3.Text,0);
Edit3.Text:=IntToStr(sk);
mk:=StrToIntDef(Edit4.Text,0);
Edit4.Text:=IntToStr(mk);
t:=sk*60+mk-(sp*60+mp);
Edit5.Text:=IntToStr(t);
end;

```

015

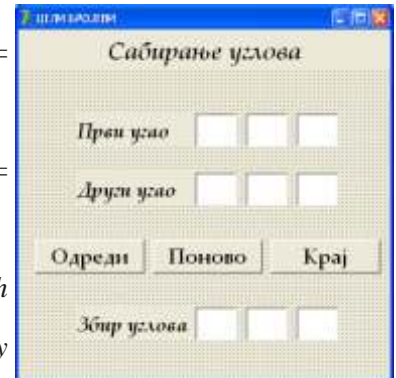
9.

1.16.

```

Caption = '          '; Height = 450; Width = 450; Position =
poScreenCenter.
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout =
tlCenter.
:
: Font = 'Palatino Linotype, 18'; Left = (210, 270, 330); MaxLength
= 2; Top = (100, 170); Width = 50;
: Font = 'Palatino Linotype, 18'; Left = (210, 270, 330); ReadOnly
= True; Top = 330; Width = 50.

```



```

AutoSize = False; Caption = (
,
); Font = 'Palatino Linotype, BoldItalic,
18'; Height = 40; Layout = tlCenter. Left = 70; Top = (100, 170, 330); Width = 140.
: Caption = '
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 250; Width = 130.
:
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
Edit3.Clear; Edit4.Clear;
Edit5.Clear; Edit6.Clear;
Edit7.Clear; Edit8.Clear;
Edit9.Clear; Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a1, a2, a3, b1, b2, b3, c1, c2, c3: integer;
begin a1:=StrToIntDef(Edit1.Text,0); //
Edit1.Text:=IntToStr(a1);
a2:=StrToIntDef(Edit2.Text,0);
Edit2.Text:=IntToStr(a2);
a3:=StrToIntDef(Edit3.Text,0);
Edit3.Text:=IntToStr(a3);
b1:=StrToIntDef(Edit4.Text,0);
Edit4.Text:=IntToStr(b1);
b2:=StrToIntDef(Edit5.Text,0);
Edit5.Text:=IntToStr(b2);
b3:=StrToIntDef(Edit6.Text,0);
Edit6.Text:=IntToStr(b3);

```

```

c3:=a1*3600+a2*60+a3+b1*3600+b2*60+b3;
c1:=c3 div 3600;
c2:=c3 mod 3600 div 60;
c3:=c3 mod 60;
Edit7.Text:=IntToStr(c1);
Edit8.Text:=IntToStr(c2);
Edit9.Text:=IntToStr(c3);
end;

```

016

9.

1.17.

```

Caption = '          '; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

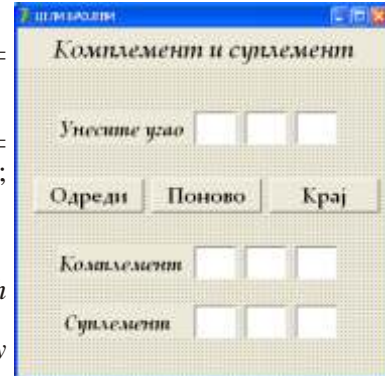
Align = alTop; Alignment = taCenter; AutoSize = False; Caption =
'          '; Font = 'Palatino Linotype, BoldItalic, 22';
Height = 50; Layout = tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = (210, 270, 330); MaxLength
= 2; Top = 100; Width = 50;
: Font = 'Palatino Linotype, 18'; Left = (210, 270, 330); ReadOnly
= True; Top = (260, 330); Width = 50.

```



```

AutoSize = False; Caption = (
,
); Font = 'Palatino Linotype,
BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 50; Top = (100, 260, 330); Width = 155.

```

```

: Caption = '
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear; //
Edit3.Clear;Edit4.Clear;
Edit5.Clear;Edit6.Clear;
Edit7.Clear;Edit8.Clear;
Edit9.Clear;Edit1.SetFocus;
end;

```

90

90

```

procedure TForm1.Button1Click(Sender: TObject);
var a1,a2,a3,c1,c2,c3:integer;
begin a1:=StrToIntDef(Edit1.Text,0); //
Edit1.Text:=IntToStr(a1);
a2:=StrToIntDef(Edit2.Text,0);
Edit2.Text:=IntToStr(a2);
a3:=StrToIntDef(Edit3.Text,0);
Edit3.Text:=IntToStr(a3);
c3:=90*3600-( a1*3600+a2*60+a3);
c1:=c3 div 3600;
c2:=c3 mod 3600 div 60;
c3:=c3 mod 60;
Edit4.Text:=IntToStr(c1);

```

```

Edit5.Text:=IntToStr(c2);
Edit6.Text:=IntToStr(c3);
Edit7.Text:=IntToStr(c1+90);
Edit8.Text:=IntToStr(c2);
Edit9.Text:=IntToStr(c3);
end;

```

017

9.

1.18.

```

Caption = '          '; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

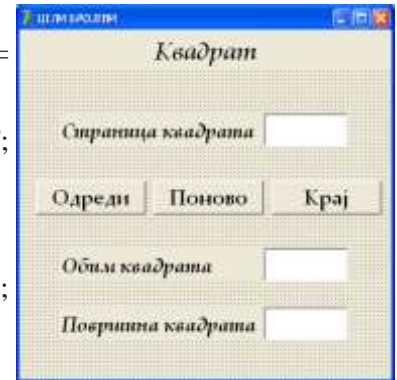
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = 290; Top = 100; Width = 100;
: Font = 'Palatino Linotype, 18'; Left = 290; ReadOnly = True;
Top = (260,330); Width = 100.

```



```

AutoSize = False; Caption = (
Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 50; Top = (100, 260, 330); Width = 240.
: Caption = '
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
Edit3.Clear; Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a, p, o: integer;
begin a:=StrToIntDef(Edit1.Text, 0); //
Edit1.Text:=IntToStr(a);
o:=4*a; p:=a*a;
Edit2.Text:=IntToStr(o);
Edit3.Text:=IntToStr(p);
end;

```

018

9.

1.19.

```

Caption = '          '; Height = 450; Width = 450; Position = poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

```

```

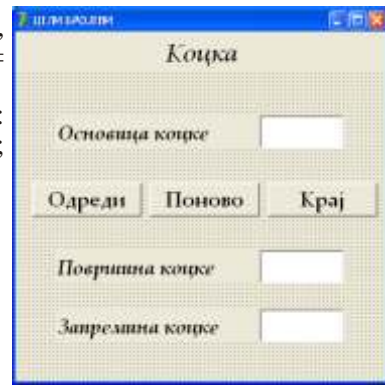
: Font = 'Palatino Linotype, 18'; Left = 290; Top = 100; Width = 100;
: Font = 'Palatino Linotype, 18'; Left = 290; ReadOnly = True; Top = (260,330); Width = 100.

```

```
AutoSize = False; Caption = (
    ); Font = 'Palatino Linotype, BoldItalic, 18'; Height =
40; Layout = tlCenter. Left = 50; Top = (100, 260, 330); Width = 240.
```

```
Caption = '
'; Font = 'Palatino Linotype, Bold, 18';
Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.
```

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```



```
(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
      Edit3.Clear; Edit1.SetFocus;
end;
```

```
procedure TForm1.Button1Click(Sender: TObject);
var a, p, v: integer;
begin a := StrToIntDef(Edit1.Text, 0); //
      Edit1.Text := IntToStr(a);
      p := 6*a*a; v := a*a*a;
      Edit2.Text := IntToStr(p);
      Edit3.Text := IntToStr(v);
end;
```

019

9.

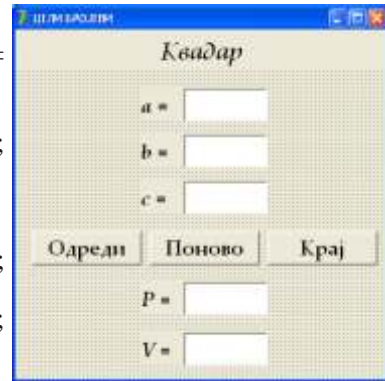
1.20.

```
Caption = '
'; Height = 450; Width = 450; Position =
poScreenCenter.
```

```
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
';
Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.
```

```
: Font = 'Palatino Linotype, 18'; Left = 200; Top = (70, 125, 170);
Width = 100;
```

```
: Font = 'Palatino Linotype, 18'; Left = 200; ReadOnly = True;
Top = (300, 360); Width = 100.
```



```
AutoSize = False; Caption = (a =, b =, c =, P =, V =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40;
Layout = tlCenter. Left = 200; Top = (70, 125, 170, 300, 360); Width = 50.
```

```
: Caption = '
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 180; Width = 130.
```

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

```
(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
      Edit3.Clear; Edit4.Clear;
      Edit5.Clear; Edit1.SetFocus;
end;
```

```

procedure TForm1.Button1Click(Sender: TObject);
var a,b,c,p,v:integer;
begin a:=StrToIntDef(Edit1.Text,0); //
      Edit1.Text:=IntToStr(a);
      b:=StrToIntDef(Edit2.Text,0);
      Edit2.Text:=IntToStr(b);
      c:=StrToIntDef(Edit3.Text,0);
      Edit3.Text:=IntToStr(c);
      p:=2*(a*b+b*c+c*a); v:=a*b*c;
      Edit4.Text:=IntToStr(p);
      Edit5.Text:=IntToStr(v);
end;

```

020

9.

1.21.

```

Caption = '          '; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
          '; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout
= tlCenter.

```

```

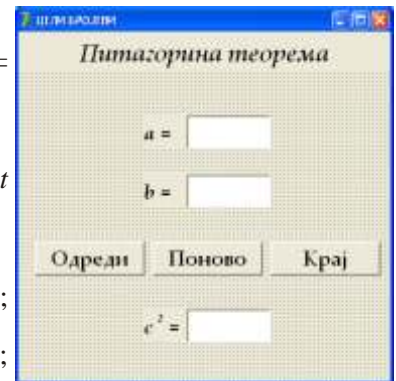
          : Font = 'Palatino Linotype, 18'; Left = 200; Top = (100, 170);
Width = 100;

```

```

          : Font = 'Palatino Linotype, 18'; Left = 200; ReadOnly = True;
Top = 330; Width = 100.

```



```

AutoSize = False; Caption = (a =, b =, c =); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout
= tlCenter. Left = 150; Top = (100, 170, 330); Width = 50.

```

```

AutoSize = False; Caption = 2; Font = 'Palatino Linotype, BoldItalic, 12'; Height = 20; Layout = tlCenter.
Left = 165; Top = 330; Width = 35.

```

```

          : Caption = '          ',          ; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 250; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(          ):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
      Edit3.Clear; Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a,b,c:integer;
begin a:=StrToIntDef(Edit1.Text,0); //
      Edit1.Text:=IntToStr(a);
      b:=StrToIntDef(Edit2.Text,0);
      Edit2.Text:=IntToStr(b);
      c:=a*a+b*b;
      Edit3.Text:=IntToStr(c);
end;

```

021

9.

(real)

1.22.

100,

```

Caption = '
'; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

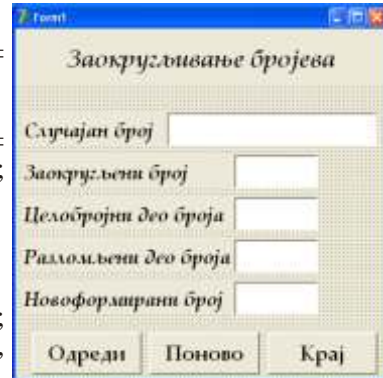
Align = alTop; Alignment = taCenter; AutoSize = False; Caption =
'; Font = 'Palatino Linotype, BoldItalic, 22';
Height = 50; Layout = tlCenter.

```

```

; Font = 'Palatino Linotype, 18'; Left = (180, 260, 260, 260, 260);
ReadOnly = True; Top = (100, 150, 200, 250, 300); Width = (250, 100, 100,
100, 100).

```



```

AutoSize = False; Caption = (
); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter.
Left = 10; Top = (100, 150, 200, 250, 300); Width = (170, 250, 250, 250, 250).

```

```

; Caption = '
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (20, 160, 300); Top = 360; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; Edit3.Clear; //
Edit4.Clear; Edit5.Clear; Button1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var b,z,c,r,n:real;
begin Randomize; //
b:=Random*100; Edit1.Text:=FloatToStr(b);
z:=Round(b*100)/100; Edit2.Text:=FloatToStr(z);
c:=Int(z); Edit3.Text:=FloatToStr(c);
r:=Round(Frac(z)*100)/100; Edit4.Text:=FloatToStr(r);
n:=r*100+c/100; Edit5.Text:=FloatToStr(n);
end;

```

022

9.

1.23.

```

Caption = '
'; Height = 430; Width = 580; Position = poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font =
'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

```

```

Font = 'Courier New, 16'; Left = 50; ReadOnly = True; Top = (110, 145, 180, 215, 250, 285); Width = 150;

```

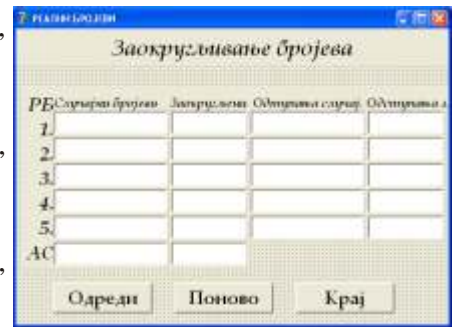
Font = 'Courier New, 16'; Left = 205; ReadOnly = True; Top = (110, 145, 180, 215, 250, 285); Width = 100.

:

Font = 'Courier New, 16'; Left = 310; ReadOnly = True; Top = (110, 145, 180, 215, 250); Width = 150.

:

Font = 'Courier New, 16'; Left = 465; ReadOnly = True; Top = (110, 145, 180, 215, 250); Width = 100.



:

AutoSize = False; Caption = (a .); Font = 'Palatino Linotype, BoldItalic, 13'; Height = 30; Layout = tlBottom; Left = 50; Top = 80; Width = 522.

:

Alignment = taRightJustify; AutoSize = False; Caption = (1. 2. 3. 4. 5.); Font = 'Palatino Linotype, BoldItalic, 19'; Height = 240; Layout = tlCenter; Left = 10; Top = 80; Width = 40; WordWrap = True.

:

Caption = ' , ' ; Font = 'Palatino Linotype, Bold, 18'; Height = 40; Left = (50, 210, 370); Top = 340; Width = 130.

:

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

:

```
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear;Edit3.Clear; //
      Edit4.Clear;Edit5.Clear;Edit6.Clear;
      Edit7.Clear;Edit8.Clear;Edit9.Clear;
      Edit10.Clear;Edit11.Clear;Edit12.Clear;
      Edit13.Clear;Edit14.Clear;Edit15.Clear;
      Edit16.Clear;Edit17.Clear;Edit18.Clear;
      Edit19.Clear;Edit20.Clear;Edit21.Clear;
      Edit22.Clear;Button1.SetFocus;
end;
```

:

```
procedure TForm1.Button1Click(Sender: TObject);
var a1,a2,a3,a4,a5,oa1,oa2,oa3,oa4,oa5,asa,
    z1,z2,z3,z4,z5,oz1,oz2,oz3,oz4,oz5,asz:real;
begin randomize; //
      a1:=Random*1000;Edit1.Text:=Format('%11.7f',[a1]);
      a2:=Random*1000;Edit2.Text:=Format('%11.7f',[a2]);
      a3:=Random*1000;Edit3.Text:=Format('%11.7f',[a3]);
      a4:=Random*1000;Edit4.Text:=Format('%11.7f',[a4]);
      a5:=Random*1000;Edit5.Text:=Format('%11.7f',[a5]);
      asa:=(a1+a2+a3+a4+a5)/5;Edit6.Text:=Format('%11.7f',[asa]);
      oa1:=Abs(asa-a1);Edit13.Text:=Format('%11.7f',[oa1]);
      oa2:=Abs(asa-a2);Edit14.Text:=Format('%11.7f',[oa2]);
      oa3:=Abs(asa-a3);Edit15.Text:=Format('%11.7f',[oa3]);
      oa4:=Abs(asa-a4);Edit16.Text:=Format('%11.7f',[oa4]);
      oa5:=Abs(asa-a5);Edit17.Text:=Format('%11.7f',[oa5]);
      z1:=Round(a1*100)/100;Edit7.Text:=Format('%11.3f',[z1]);
      z2:=Round(a2*100)/100;Edit8.Text:=Format('%11.3f',[z2]);
      z3:=Round(a3*100)/100;Edit9.Text:=Format('%11.3f',[z3]);
      z4:=Round(a4*100)/100;Edit10.Text:=Format('%11.3f',[z4]);
      z5:=Round(a5*100)/100;Edit11.Text:=Format('%11.3f',[z5]);
      asz:=(z1+z2+z3+z4+z5)/5;Edit12.Text:=FloatToStr(asz);
      oz1:=Abs(asz-z1);Edit18.Text:=Format('%11.3f',[oz1]);
      oz2:=Abs(asz-z2);Edit19.Text:=Format('%11.3f',[oz2]);
      oz3:=Abs(asz-z3);Edit20.Text:=Format('%11.3f',[oz3]);
      oz4:=Abs(asz-z4);Edit21.Text:=Format('%11.3f',[oz4]);
      oz5:=Abs(asz-z5);Edit22.Text:=Format('%11.3f',[oz5]);
end;
```

1.24.

5, 15, 25, 35 45

```

Caption = '          '; Height = 430; Width = 590;
Position = poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption =
'          '; Font = 'Palatino Linotype, BoldItalic,
22'; Height = 50; Layout = tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = (100, 205, 310, 415,
520); Top = 100; Width = 50;

```

```

: Font = 'Palatino Linotype, 18'; Left = (50, 155, 260, 365, 470); ReadOnly = True; Top = (145, 190,
235, 280); Width = 100.

```

```

AutoSize = False; Caption = (          , sin, cos, tg, ctg); Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40;
Layout = tlCenter. Left = 10; Top = (100, 145, 190, 235, 280); Width = (50, 40, 40, 40, 40).

```

```

: Caption = '          ',          ; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (50, 210, 370); Top = 340; Width = 130.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate;          //
end;

```

```

(          ):

```

```

procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; Edit3.Clear; //
      Edit4.Clear; Edit5.Clear; Edit6.Clear;
      Edit7.Clear; Edit8.Clear; Edit9.Clear;
      Edit10.Clear; Edit11.Clear; Edit12.Clear;
      Edit13.Clear; Edit14.Clear; Edit15.Clear;
      Edit16.Clear; Edit17.Clear; Edit18.Clear;
      Edit19.Clear; Edit20.Clear; Edit21.Clear;
      Edit22.Clear; Edit23.Clear; Edit24.Clear;
      Edit25.Clear; Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var u, s, c, t: real;
begin u := StrToFloatDef(Edit1.Text, 5); Edit1.Text := FloatToStr(u); //
      s := sin(u/180*pi); Edit2.Text := Format('%9.5f', [s]);
      c := cos(u/180*pi); Edit3.Text := Format('%9.5f', [c]);
      t := s/c; Edit4.Text := Format('%9.5f', [t]);
      t := 1/t; Edit5.Text := Format('%9.5f', [t]);
      u := StrToFloatDef(Edit6.Text, 15); Edit6.Text := FloatToStr(u);
      s := sin(u/180*pi); Edit7.Text := Format('%9.5f', [s]);
      c := cos(u/180*pi); Edit8.Text := Format('%9.5f', [c]);
      t := s/c; Edit9.Text := Format('%9.5f', [t]);
      t := 1/t; Edit10.Text := Format('%9.5f', [t]);
      u := StrToFloatDef(Edit11.Text, 25); Edit11.Text := FloatToStr(u);
      s := sin(u/180*pi); Edit12.Text := Format('%9.5f', [s]);
      c := cos(u/180*pi); Edit13.Text := Format('%9.5f', [c]);
      t := s/c; Edit14.Text := Format('%9.5f', [t]);
      t := 1/t; Edit15.Text := Format('%9.5f', [t]);
      u := StrToFloatDef(Edit16.Text, 35); Edit16.Text := FloatToStr(u);
      s := sin(u/180*pi); Edit17.Text := Format('%9.5f', [s]);
      c := cos(u/180*pi); Edit18.Text := Format('%9.5f', [c]);
      t := s/c; Edit19.Text := Format('%9.5f', [t]);
      t := 1/t; Edit20.Text := Format('%9.5f', [t]);
      u := StrToFloatDef(Edit21.Text, 45); Edit21.Text := FloatToStr(u);
      s := sin(u/180*pi); Edit22.Text := Format('%9.5f', [s]);

```



```

c:=cos(u/180*pi);Edit23.Text:=Format('%9.5f',[c]);
t:=s/c;Edit24.Text:=Format('%9.5f',[t]);
t:=1/t;Edit25.Text:=Format('%9.5f',[t]);
end;

```

024

9.

1.25.

```

)
a b.
( ,

```

$$p = \frac{a \cdot b}{2} = \frac{c \cdot h}{2} \quad h = \frac{a \cdot b}{c}$$

$$= \text{ArcTg}\left(\frac{a}{b}\right), \quad = 90^\circ -$$



```

Caption = '
'; Height = 450; Width = 410; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

```

```

:
: Font = 'Palatino Linotype, 18'; Left = 135; Top = (70, 115); Width = 50;
: Font = 'Palatino Linotype, 18'; Left = (185, 240, 295); ReadOnly = True; Top = (165, 210, 255,
300); Width = 50.

```

```

AutoSize = False; Caption = 'a =, b =, c =, h ='; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40;
Layout = tlCenter. Left = (90, 135); Top = (70, 115, 165, 210); Width = 50

```

```

AutoSize = False; Caption = (a =, b =); Font = 'Symbol, BoldItalic, 22'; Height = 40; Layout = tlCenter. Left
= 135; Top = (255, 300); Width = 50

```

```

: Caption = '
',
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 360; Width = 120.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate;
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear;Edit3.Clear; //
Edit4.Clear;Edit5.Clear;Edit6.Clear;
Edit7.Clear;Edit8.Clear;Edit9.Clear;
Edit10.Clear;Edit1.SetFocus;
end;

```

```

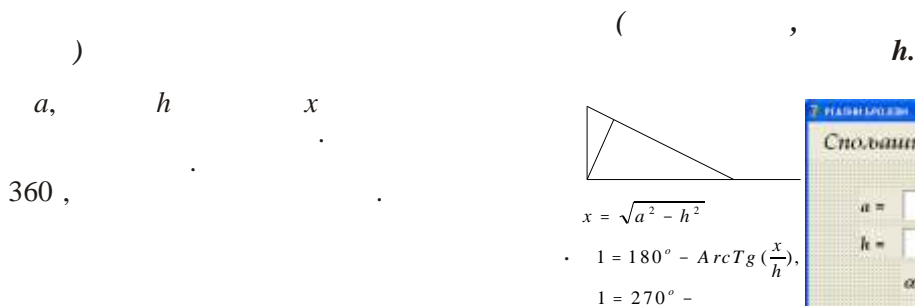
procedure TForm1.Button1Click(Sender: TObject);
var a,b,c,h:real;
a1,a2,a3,b1,b2,b3:integer;
begin a:=StrToFloatDef(Edit1.Text,3);Edit1.Text:=FloatToStr(a); //
b:=StrToFloatDef(Edit2.Text,4);Edit2.Text:=FloatToStr(b);
c:=Sqrt(a*a+b*b);Edit3.Text:=FloatToStr(c);
h:=a*b/c; Edit4.Text:=FloatToStr(h);
a3:=Round(ArcTan(a/b)/pi*180*3600); //alfa u sekundama
b3:=90*3600-a3; // beta u sekundama kao komplement
a1:=a3 div 3600; Edit5.Text:=IntToStr(a1);
a2:=a3 mod 3600 div 60;Edit6.Text:=IntToStr(a2);
a3:=a3 mod 60; Edit7.Text:=IntToStr(a3);
b1:=b3 div 3600; Edit8.Text:=IntToStr(b1);
b2:=b3 mod 3600 div 60;Edit9.Text:=IntToStr(b2);
b3:=b3 mod 60; Edit10.Text:=IntToStr(b3);
end;

```

025

9.

1.26.



```

Caption = 'Спољашњи услови троугла'; Height = 450; Width = 450; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = 130; Top = (90, 140); Width = 50;
: Font = 'Palatino Linotype, 18'; Left = (185, 240, 295); ReadOnly = True; Top = (190, 240, 290);
Width = 50.

```

```

AutoSize = False; Caption = 'a =, h ='; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout =
tlCenter. Left = 75; Top = (90, 140); Width = 50

```

```

AutoSize = False; Caption = 'α1 =, β1 =, γ1 ='; Font = 'Symbol, BoldItalic, 22'; Height = 40; Layout =
tlCenter. Left = 130; Top = (190, 240, 290); Width = 50

```

```

: Caption = '
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 360; Width = 120.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; Edit3.Clear; //
Edit4.Clear; Edit5.Clear; Edit6.Clear;
Edit7.Clear; Edit8.Clear; Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a,h,x:real;
a1,a2,a3,b1,b2,b3:integer;
begin a:=StrToFloatDef(Edit1.Text,3); Edit1.Text:=FloatToStr(a); //
h:=StrToFloatDef(Edit2.Text,2.4); Edit2.Text:=FloatToStr(h);
x:=Sqrt(a*a-h*h);
a3:=180*3600-Trunc(ArcTan(x/h)*180/pi*3600); //alfa u sekundama
b3:=270*3600-b3; //beta u sekundama
a1:=a3 div 3600; Edit3.Text:=IntToStr(a1);
a2:=a3 mod 3600 div 60; Edit4.Text:=IntToStr(a2);
a3:=a3 mod 60; Edit5.Text:=IntToStr(a3);
b1:=b3 div 3600; Edit6.Text:=IntToStr(b1);
b2:=b3 mod 3600 div 60; Edit7.Text:=IntToStr(b2);
b3:=b3 mod 60; Edit8.Text:=IntToStr(b3);
end;

```

1.27.

 a, b, c

(,)

180 .

$$a^2 = b^2 + c^2 - 2bc \cos \alpha$$

$$\cos \alpha = \frac{b^2 + c^2 - a^2}{2bc}$$

$$\sin \alpha = \sqrt{1 - \cos^2 \alpha}$$

$$= \text{ArcTg} \left(\frac{\sin \alpha}{\cos \alpha} \right)$$

$$b^2 = c^2 + a^2 - 2ca \cos \beta$$

$$\cos \beta = \frac{c^2 + a^2 - b^2}{2ca}$$

$$\sin \beta = \sqrt{1 - \cos^2 \beta}$$

$$= \text{ArcTg} \left(\frac{\sin \beta}{\cos \beta} \right)$$

$$= 180^\circ - \alpha - \beta$$



Caption = 'Решаванье треугола'; *Height* = 450; *Width* = 450; *Position* = poScreenCenter.

Align = alTop; *Alignment* = taCenter; *AutoSize* = False; *Caption* = 'Решаванье треугола'; *Font* = 'Palatino Linotype, BoldItalic, 22'; *Height* = 50; *Layout* = tlCenter.

: *Font* = 'Palatino Linotype, 18'; *Left* = 120; *Top* = (70, 115, 160); *Width* = 50;

: *Font* = 'Palatino Linotype, 18'; *Left* = (170, 230, 290); *ReadOnly* = True; *Top* = (210, 255, 300); *Width* = 50.

AutoSize = False; *Caption* = 'a =, b =, c ='; *Font* = 'Palatino Linotype, BoldItalic, 18'; *Height* = 40; *Layout* = tlCenter. *Left* = 70; *Top* = (70, 115, 160); *Width* = 50

AutoSize = False; *Caption* = 'a =, b =, g ='; *Font* = 'Symbol, BoldItalic, 22'; *Height* = 40; *Layout* = tlCenter. *Left* = 120; *Top* = (210, 255, 300); *Width* = 50.

: *Caption* = 'Решаванье треугола'; *Font* = 'Palatino Linotype, Bold, 18'; *Height* = 40; *Left* = (10, 140, 270); *Top* = 360; *Width* = 120.

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

```
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; Edit3.Clear; //
      Edit4.Clear; Edit5.Clear; Edit6.Clear;
      Edit7.Clear; Edit8.Clear; Edit9.Clear;
      Edit10.Clear; Edit11.Clear; Edit12.Clear;
      Edit1.SetFocus;
end;
```

```
procedure TForm1.Button1Click(Sender: TObject);
var a,b,c,p:real;
    a1,a2,a3,b1,b2,b3,c1,c2,c3:integer;
begin a:=StrToFloatDef(Edit1.Text,3);Edit1.Text:=FloatToStr(a); //
      b:=StrToFloatDef(Edit2.Text,3);Edit2.Text:=FloatToStr(b);
      c:=StrToFloatDef(Edit3.Text,3);Edit3.Text:=FloatToStr(c);
      p:=(b*b+c*c-a*a)/(2*b*c);
      a3:=Round(ArcTan(Sqrt(1-p*p)/p)/pi*180*3600); //alfa u sekundama
      a1:=a3 div 3600; Edit4.Text:=IntToStr(a1);
      a2:=a3 mod 3600 div 60;Edit5.Text:=IntToStr(a2);
      a3:=a3 mod 60; Edit6.Text:=IntToStr(a3);
      p:=(a*a+c*c-b*b)/(2*a*c);
      b3:=Round(ArcTan(Sqrt(1-p*p)/p)/pi*180*3600); //beta u sekundama
      b1:=b3 div 3600; Edit7.Text:=IntToStr(b1);
      b2:=b3 mod 3600 div 60;Edit8.Text:=IntToStr(b2);
      b3:=b3 mod 60; Edit9.Text:=IntToStr(b3);
      c3:=180*3600-(a1*3600+b1*3600+a2*60+b2*60+a3+b3); //gama u sekundama
      c1:=c3 div 3600; Edit10.Text:=IntToStr(c1);
      c2:=c3 mod 3600 div 60;Edit11.Text:=IntToStr(c2);
      c3:=c3 mod 60; Edit12.Text:=IntToStr(c3);
end;
```

1.28.

Caption = 'Обим и површина круга'; *Height* = 400; *Width* = 410; *Position* = poScreenCenter.

Align = alTop; *Alignment* = taCenter; *AutoSize* = False; *Caption* = 'Обим и површина круга'; *Font* = 'Palatino Linotype, BoldItalic, 22'; *Height* = 50; *Layout* = tlCenter.

Font = 'Palatino Linotype, 18'; *Left* = 160; *Top* = 100; *Width* = 120;
Font = 'Palatino Linotype, 18'; *Left* = 160; *ReadOnly* = True; *Top* = (240, 310); *Width* = 120.

AutoSize = False; *Caption* = 'r =, O =, P ='; *Font* = 'Palatino Linotype, BoldItalic, 18'; *Height* = 40; *Layout* = tlCenter. *Left* = 100; *Top* = (100, 240, 310); *Width* = 60.

Caption = 'r =, O =, P ='; *Font* = 'Palatino Linotype, Bold, 18'; *Height* = 40; *Left* = (10, 140, 270); *Top* = 170; *Width* = 120.

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

```
(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
      Edit3.Clear; Edit1.SetFocus;
end;
```

```
procedure TForm1.Button1Click(Sender: TObject);
var r, p, o: real;
begin r := StrToFloatDef(Edit1.Text, 5); //
      Edit1.Text := FloatToStr(r);
      o := 2*r*pi;
      p := r*r*pi;
      Edit2.Text := Format('%1.2f', [o]);
      Edit3.Text := Format('%1.2f', [p]);
end;
```

1.29.

r.

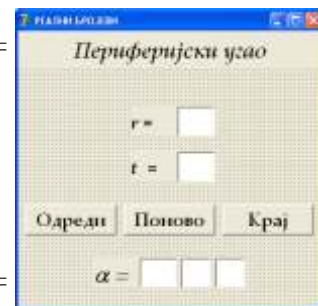
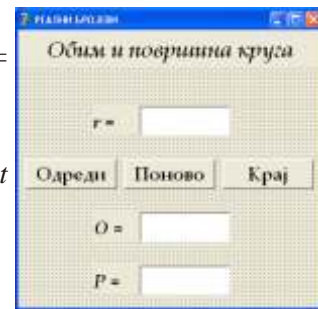
t

Caption = 'Периферијски угао'; *Height* = 450; *Width* = 450; *Position* = poScreenCenter.

Align = alTop; *Alignment* = taCenter; *AutoSize* = False; *Caption* = 'Периферијски угао'; *Font* = 'Palatino Linotype, BoldItalic, 22'; *Height* = 50; *Layout* = tlCenter.

Font = 'Palatino Linotype, 18'; *Left* = 210; *Top* = (100, 160); *Width* = 50;
Font = 'Palatino Linotype, 18'; *Left* = (160, 215, 260); *ReadOnly* = True; *Top* = 300; *Width* = (50, 40, 40).

AutoSize = False; *Caption* = 'r =, t ='; *Font* = 'Palatino Linotype, BoldItalic, 18'; *Height* = 40; *Layout* = tlCenter. *Left* = 150; *Top* = (100, 160); *Width* = 50



AutoSize = False; Caption = 'a='; Font = 'Symbol, BoldItalic, 22'; Height = 40; Layout = tlCenter. Left = 150; Top = 300; Width = 50

: Caption = ' ', ' '; Font = 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 230; Width = 120.

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

```
(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear; //
      Edit3.Clear;Edit4.Clear;
      Edit5.Clear;Edit1.SetFocus;
end;
```

```
procedure TForm1.Button1Click(Sender: TObject);
var t,r,h:real;
    a1,a2,a3:integer;
begin r:=StrToFloatDef(Edit1.Text,5); //
      Edit1.Text:=FloatToStr(r);
      t:=StrToFloatDef(Edit2.Text,5);
      Edit2.Text:=FloatToStr(t);
      h:=Sqrt(r*r-t*t/4);
      a3:=Round(ArcTan(t/2/h)*180/pi*3600); //ugao u sekundama
      a1:=a3 div 3600; Edit3.Text:=IntToStr(a1);
      a2:=a3 mod 3600 div 60;Edit4.Text:=IntToStr(a2);
      a3:=a3 mod 60; Edit5.Text:=IntToStr(a3);
end;
```

029

9.

1.30.

Caption = ' '; Height = 450; Width = 450; Position = poScreenCenter.

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = ' '; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

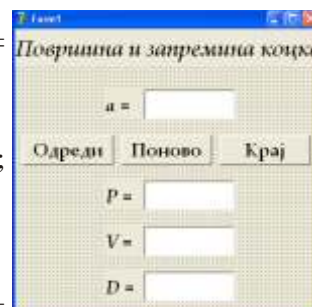
: Font = 'Palatino Linotype, 18'; Left = 170; Top = 80; Width = 120; : Font = 'Palatino Linotype, 18'; Left = 170; ReadOnly = True; Top = (200, 260, 320); Width = 120.

AutoSize = False; Caption = 'a =, P =, V =, D ='; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 120; Top = (80, 200, 260, 320); Width = 50.

: Caption = ' ', ' '; Font = 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 140; Width = 120.

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

```
(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear;Edit3.Clear; //
      Edit4.Clear;Edit1.SetFocus;
end;
```



```

procedure TForm1.Button1Click(Sender: TObject);
var a,p,v,d:real;
begin a:=StrToFloatDef(Edit1.Text,5); //
      Edit1.Text:=FloatToStr(a);
      p:=6*a*a; Edit3.Text:=Format('%1.2f',[p]);
      v:=a*a*a; Edit4.Text:=Format('%1.2f',[v]);
      d:=a*Sqrt(3);Edit5.Text:=Format('%1.2f',[d]);
end;

```

030

9.

1.31.

b *D*'

```

Caption = '          '; Height = 440; Width = 410; Position =
poScreenCenter.

```

```

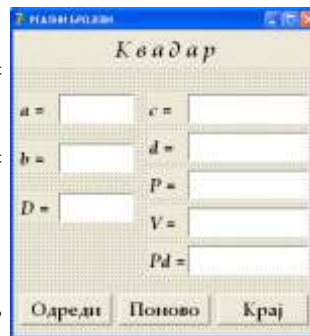
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '          '; Font =
'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = 60; Top = (85, 150, 215); Width = 100;
: Font = 'Palatino Linotype, 18'; Left = 85; ReadOnly = True; Top = (85,
135, 185, 235, 285); Width = 150.

```



```

AutoSize = False; Caption = 'a =, b =, D =, c =, d =, P =, V =, Pd ='; Font = 'Palatino Linotype, BoldItalic,
18'; Height = 40; Layout = tlCenter. Left = (10, 10, 10, 180, 180, 180, 180, 180); Top = (85, 150, 215, 85,
135, 185, 235, 285); Width = 50.

```

```

: Caption = '          ', : Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 350; Width = 120.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

():

```

procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; Edit3.Clear; //
      Edit4.Clear; Edit5.Clear; Edit6.Clear;
      Edit7.Clear; Edit8.Clear; Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a,b,d,c,d1,p,v,pd:real;
begin a:=StrToFloatDef(Edit1.Text,3); //
      Edit1.Text:=FloatToStr(a);
      b:=StrToFloatDef(Edit2.Text,4);
      Edit2.Text:=FloatToStr(b);
      d:=StrToFloatDef(Edit3.Text,13);
      Edit3.Text:=FloatToStr(d);
      d1:=Sqrt(a*a+b*b); Edit5.Text:=Format('%9.2f',[d1]);
      c :=Sqrt(d*d-d1*d1); Edit4.Text:=Format('%9.2f',[c]);
      p :=2*(a*b+b*c+c*a); Edit6.Text:=Format('%9.2f',[p]);
      v :=a*b*c; Edit7.Text:=Format('%9.2f',[v]);
      pd:=d1*c; Edit8.Text:=Format('%9.2f',[pd]);
end;

```

031

9.

1.32.

s.

```

Caption = '                                '; Height = 450; Width = 410; Position =
poScreenCenter.

```

```

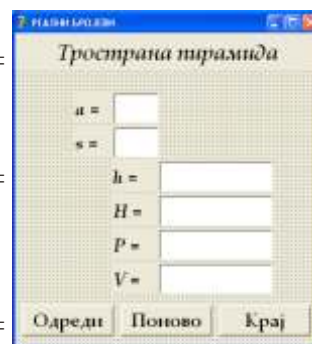
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout =
tlCenter.

```

```

:
: Font = 'Palatino Linotype, 18'; Left = 130; Top = (80, 125); Width = 60;
: Font = 'Palatino Linotype, 18'; Left = 190; ReadOnly = True; Top =
(170, 215, 260, 305); Width = 160.

```



```

:
AutoSize = False; Caption = 'a =, s =, h =, H =, P =, V ='; Font = 'Palatino Linotype, BoldItalic, 18'; Height =
40; Layout = tlCenter. Left = (80, 80, 130, 130, 130, 130); Top = (80, 125, 170, 215, 260, 305); Width = 50.

```

```

: Caption = '
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 360; Width = 120.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; Edit3.Clear; //
Edit4.Clear; Edit5.Clear; Edit6.Clear;
Edit1.SetFocus;
end;

```

```

:
procedure TForm1.Button1Click(Sender: TObject);
var a, s, p, v, h, h1: real;
begin a := StrToFloatDef(Edit1.Text, 3); //
Edit1.Text := FloatToStr(a);
s := StrToFloatDef(Edit2.Text, 4);
Edit2.Text := FloatToStr(s);
h1 := Sqrt(s*s - a*a/4); Edit3.Text := Format('%8.3f', [h1]);
h := Sqrt(s*s - a*a/3); Edit4.Text := Format('%8.3f', [h]);
p := a*a*Sqrt(3)/4 + 3*a*h1/2; Edit5.Text := Format('%8.3f', [p]);
v := a*a*Sqrt(3)/4*h/3; Edit6.Text := Format('%8.3f', [v]);
end;

```

032

9.

1.33.

s.

```

Caption = '                                '; Height = 450; Width = 450; Position = poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino
Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

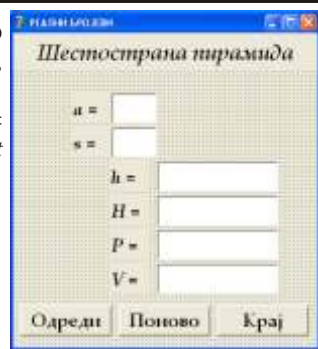
```

```

:
: Font = 'Palatino Linotype, 18'; Left = 130; Top = (80, 125); Width = 60;
: Font = 'Palatino Linotype, 18'; Left = 190; ReadOnly = True; Top = (170, 215, 260, 305); Width =
160.

```

```
AutoSize = False; Caption = 'a =, s =, h =, H =, P =, V ='; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = (80, 80, 130, 130, 130, 130); Top = (80, 125, 170, 215, 260, 305); Width = 50.
: Caption =
'
'; Font = 'Palatino Linotype, Bold, 18'; Height = 40; Left
= (10, 140, 270); Top = 360; Width = 120.
```



```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

```
( ):
```

```
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; Edit3.Clear; //
      Edit4.Clear; Edit5.Clear; Edit6.Clear;
      Edit1.SetFocus;
end;
```

```
procedure TForm1.Button1Click(Sender: TObject);
var a, s, p, v, h, h1: real;
begin a := StrToFloatDef(Edit1.Text, 3); //
      Edit1.Text := FloatToStr(a);
      s := StrToFloatDef(Edit2.Text, 4);
      Edit2.Text := FloatToStr(s);
      h1 := Sqrt(s*s - a*a/4); Edit3.Text := Format('%8.3f', [h1]);
      h := Sqrt(s*s - a*a); Edit4.Text := Format('%8.3f', [h]);
      p := 3*a*a*Sqrt(3)/2 + 3*a*h1; Edit5.Text := Format('%8.3f', [p]);
      v := a*a*Sqrt(3)/2*h; Edit6.Text := Format('%8.3f', [v]);
end;
```

033

9.

boolean

1.34.

$(p \vee q) \wedge r$, p, q, r

```
Caption = '
'; Height = 400; Width = 410; Position = poScreenCenter.
```

```
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 30;
Layout = tlTop;
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = 't = ( )
'; Font = 'Symbol, Italic, 18'; Height = 30; Layout = tlCenter.
Align = alNone; Alignment = taCenter; AutoSize = False; Caption = ' p q r';
Font = 'Palatino Linotype, Italic, 18'; Height = 30; Layout = tlCenter;
Transparent = true; (
```



Caption -

```
: Font = 'Palatino Linotype, 18'; Left = 150; ItemIndex = -1; Items = (True, False); Top = (90, 135, 180); Width = 145;
: Font = 'Palatino Linotype, 18'; Left = 150; ReadOnly = True; Top = 245; Width = 145.
```

```
AutoSize = False; Caption = 'p =, q =, r ='; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 36; Layout = tlCenter. Left = 100; Top = (90, 135, 180); Width = 50;
```

AutoSize = False; Caption = 't='; Font = 'Symbol, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 100; Top = 245; Width = 50
AutoSize = False; Caption = "; Height = 5; Left = 80; Top = 230; Width = 230;
: Caption = ' , ' ; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 310; Width = 120.
(ComboBox).

Items,
Text
(-1 , 0, 1, ... , ...
Text
ItemIndex

```
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;
```

```
procedure TForm1.Button2Click(Sender: TObject);
begin ComboBox1.ItemIndex:=-1; //
      ComboBox2.ItemIndex:=-1;
      ComboBox3.ItemIndex:=-1;
      Edit1.Clear;Button1.SetFocus;
end;
```

```
procedure TForm1.Button1Click(Sender: TObject);
var p,q,r,t:boolean;
begin p:=StrToBoolDef(ComboBox1.Text,false); //
      q:=StrToBoolDef(ComboBox2.Text,false);
      r:=StrToBoolDef(ComboBox3.Text,false);
      t:=(p or q)and r;
      Edit1.Text:=BoolToStr(t,true);
end;
```

034

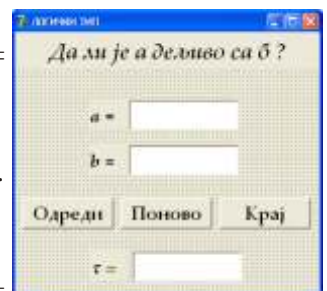
9.

1.35.

Caption = ' ; Height = 380; Width = 410; Position =
poScreenCenter.

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = ' ?;
Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.

: Font = 'Palatino Linotype, 18'; Left = 150; Top = (90, 150); Width = 145;
: Font = 'Palatino Linotype, 18'; Left = 150; ReadOnly = True; Top =
290; Width = 145.



AutoSize = False; Caption = 'a =, b ='; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout =
tlCenter. Left = 100; Top = (90, 150); Width = 50
AutoSize = False; Caption = 't='; Font = 'Symbol, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 100;
Top = 290; Width = 50.

: Caption = ' , ' ; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 240; Width = 120.

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear; //
      Edit3.Clear;Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var t:boolean;
    a,b,kod:integer;
begin a:=StrToIntDef(Edit1.Text,0); //
      Edit1.Text:=IntToStr(a);
      b:=StrToIntDef(Edit2.Text,1);
      Edit2.Text:=IntToStr(b);
      t:=a mod b = 0;
      Edit3.Text:=BoolToStr(t,true);
end;

```

035

9.

string

1.36.

```

Caption = '
; Height = 410; Width = 410; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout =
tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = 210; Top = (80, 130); Width =
160;

```

```

: Font = 'Palatino Linotype, 18'; Left = 250; ReadOnly = True; Top = (270, 320); Width = 90.

```

```

AutoSize = False; Caption = '
; Font
= 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = (30, 30, 50, 50); Top = (80, 130,
270, 320); Width = (180, 180, 200, 200).

```

```

: Caption = '
, ; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 200; Width = 120.

```

```

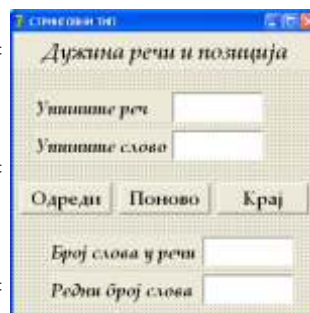
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear; //
      Edit3.Clear;Edit4.Clear;
      Edit1.SetFocus;
end;

```



```

procedure TForm1.Button1Click(Sender: TObject);
var a,b:string;
    c,d:integer;
begin a:=Edit1.Text; //
      b:=Edit2.Text;
      c:=Length(a);Edit3.Text:=IntToStr(c);
      d:=Pos(b,a); Edit4.Text:=IntToStr(d);
end;

```

036

9.

1.37.

```

Caption = '          '; Height = 410; Width = 410; Position =
poScreenCenter.

```

```

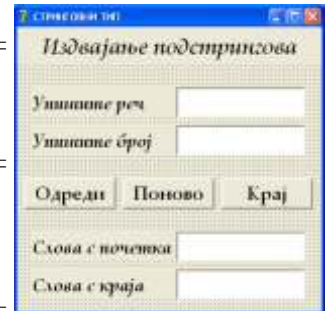
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout =
tlCenter.

```

```

:
: Font = 'Palatino Linotype, 18'; Left = 210; Top = (80, 130); Width = 170;
: Font = 'Palatino Linotype, 18'; Left = 210; ReadOnly = True; Top =
(270, 320); Width = 170.

```



```

AutoSize = False; Caption = '
'; Font =
'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 20; Top = (80, 130, 270, 320);
Width = 190.

```

```

: Caption = '
',
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 200; Width = 120.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear; //
      Edit3.Clear;Edit4.Clear;
      Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a,b:string;
    n:integer;
begin a:=Edit1.Text; //
      n:=StrToIntDef(Edit2.Text,0);
      Edit2.Text:=IntToStr(n);
      b:=Copy(a,1,n); Edit3.Text:=b;
      Delete(a,1,Length(a)-n);Edit4.Text:=a;
end;

```

037

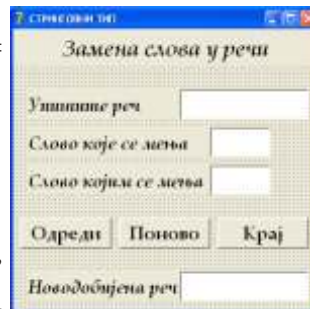
9.

1.38.

```

Caption = '
poScreenCenter.
'; Height = 410; Width = 410; Position =
:
:
Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout = tlCenter.
:
: Font = 'Palatino Linotype, 18'; Left = (220, 260, 260); Top = (80, 130,
180); Width = (170, 80, 80);
: Font = 'Palatino Linotype, 18'; Left = 220; ReadOnly = True; Top =
320; Width = 170.

```



```

AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout = tlCenter. Left = 20; Top = (80, 130,
180, 320); Width = 200, 240, 240, 200).
: Caption = '
'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 250; Width = 120.
:
procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; Edit2.Clear; //
Edit3.Clear; Edit4.Clear;
Edit1.SetFocus;
end;

```

```

a
,
- Edit1Exit, OnExit, Object Inspector-
Events
procedure TForm1.Edit1Exit(Sender: TObject);
begin a:=Edit1.Text;
end;

```

```

_____ (
a
Var
a:string;).
:

```

```

procedure TForm1.Button1Click(Sender: TObject);
var b,c:string;
n,m:integer;
begin m:=Length(a); //
b:=Edit2.Text;
c:=Edit3.Text;
n:=Pos(b,a);
Delete(a,n,1);
Insert(c,a,n);
a:=Copy(a, length(a)-m+1, m); Edit4.Text := a;
end;

```

1.39.

```

Caption = 'Преместител на слова у речи'; Height = 240; Width = 410; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout =
tlCenter.

```

```

Font = 'Palatino Linotype, 18'; Left = 165; Top = 80; Width = 230.

```

```

AutoSize = False; Caption = 'Ушишите реч'; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout
= tlCenter. Left = 10; Top = 80; Width = 155.

```

```

Caption = 'Одреди'; Font
= 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 140, 270); Top = 150; Width = 120.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```

```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear; //
Edit1.SetFocus;
end;

```

```

procedure TForm1.Button1Click(Sender: TObject);
var a:string;
begin a:=Edit1.Text; //
a:=Copy(a, 2, length(a)-1)+Copy(a, 1, 1);
Edit1.Text:=a;
end;

```

039

9.

1.40.

```

Caption = 'Мала у велика и обрнуто'; Height = 310; Width = 410; Position =
poScreenCenter.

```

```

Align = alTop; Alignment = taCenter; AutoSize = False; Caption = '
'; Font = 'Palatino Linotype, BoldItalic, 22'; Height = 50; Layout =
tlCenter.

```

```

: Font = 'Palatino Linotype, 18'; Left = 170; Top = 80; Width = 220.

```

```

: Font = 'Palatino Linotype, 18'; Left = 170; ReadOnly = True; Top = 220; Width = 220.

```

```

AutoSize = False; Caption = 'Ушишите реч'; Font = 'Palatino Linotype, BoldItalic, 18'; Height = 40; Layout
= tlCenter. Left = 10; Top = 80; Width = 155.

```

```

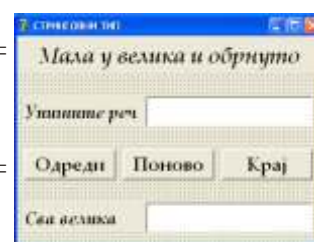
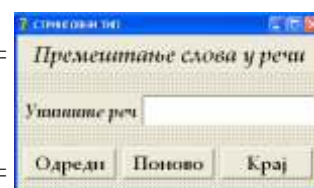
Caption = '
'; Font = 'Palatino Linotype, Bold, 18'; Height = 40; Left = (10, 10, 140, 270); Top = 150;
Width = 120.

```

```

procedure TForm1.Button3Click(Sender: TObject);
begin Application.Terminate; //
end;

```



```

(
):
procedure TForm1.Button2Click(Sender: TObject);
begin Edit1.Clear;Edit2.Clear; //
      Button1.Visible:=true;
      Button4.Visible:=false;
      Label3.Caption:=' ';
      Edit1.SetFocus;
end;

:
procedure TForm1.Button1Click(Sender: TObject);
var a:string;
begin a:=Edit1.Text;
      a:=UpperCase(a);Edit2.Text:=a;
      Button1.Visible:=false;
      Button4.Visible:=true;
      Label3.Caption:=' ';
end;

:
procedure TForm1.Button4Click(Sender: TObject);
var a:string;
begin a:=Edit1.Text;
      a:=LowerCase(a);Edit2.Text:=a;
      Button1.Visible:=true;
      Button4.Visible:=false;
      Label3.Caption:=' ';
end;
```

040

9.