

(if ... then ... else ...)

2.1.

```

(  

    BorderIcons :  

    biSystemMenu = false; biMaximize = false; biMinimize = false; biHelp = false;  

    BorderStyle = bsSingle  

)  

Align = alBottom; Alignment = taCenter; AutoSize = False; Caption = ''; Color =  

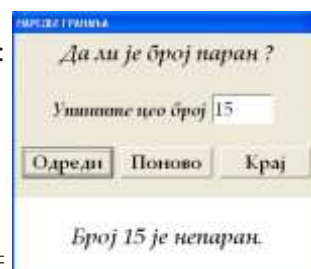
clWhite; Font = 'Courier New, Regular, 16'; Height = 100; Layout = tlCenter.  

):  

(  

    ):

```



```

(  

    ):
  

    procedure TForm1.Button2Click(Sender: TObject);  

    begin  

        Edit1.Clear; //  

        Label3.Caption:='';  

        Edit1.SetFocus;  

    end;  

    procedure TForm1.Button1Click(Sender: TObject);  

    var a:string;  

        b:integer;  

    begin  

        b:=StrToIntDef(Edit1.Text,0);Edit1.Text:=IntToStr(b);  

        If Odd(b)  

            then a:=' '+IntToStr(b)+' .'  

            else a:=' '+IntToStr(b)+' .';  

        Label3.Caption:=a;  

    end;

```

041

9.

2.2.

```

0.  

):  

    procedure TForm1.Button1Click(Sender: TObject);  

    var a:string;  

        b,c:integer;  

    begin  

        b:=StrToIntDef(Edit1.Text,0);  

        Edit1.Text:=IntToStr(b);  

        c:=StrToIntDef(Edit2.Text,0);  

        Edit2.Text:=IntToStr(c);  

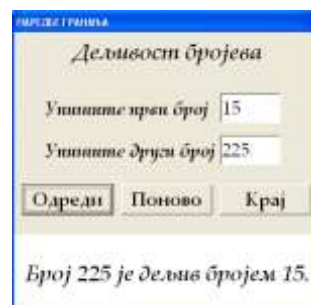
        If b mod c=0  

            then a:=' '+IntToStr(b)+' '+IntToStr(c)+' .'  

            else If c mod b=0  

                then a:=' '+IntToStr(c)+' '+IntToStr(b)+' .'  


```



```

        else a:='.';
Label3.Caption:=a;
end;

```

042

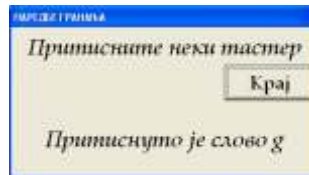
9.

2.3.

```

ObjectInspector-      Events
OnKeyPress.
ObjectInspector-      Events
OnKeyPress.
FormKeyPress.

```



ASCII

```

procedure TForm1.FormKeyPress(Sender: TObject; var Key: Char);
var a:string;
begin If UpCase(key) in ['A'..'Z']
      then a:=''+key
      else if key in ['0'..'9']
            then a:=''+key
            else a:=''+key;
Label2.Caption:=a;
end;

```

043

9.

2.4.

4

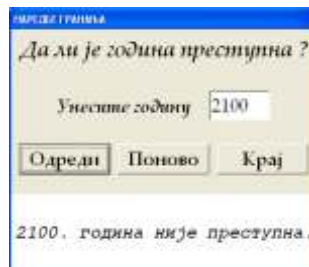
100

400.

```

procedure TForm1.Button1Click(Sender: TObject);
var a:string;
    g:integer;
begin g:=StrToIntDef(Edit1.Text,0);
      Edit1.Text:=IntToStr(g);
      If (g mod 4=0)and(g mod 100<>0)or(g mod 400=0)
        then a:=IntToStr(g)+'.'
        else a:=IntToStr(g)+'.';
Label3.Caption:=a;
end;

```



044

9.

2.5.

$$\begin{array}{l}
 a x + b = 0 \quad a x = -b \quad / : a \quad 0 \quad x = -\frac{b}{a} \\
 0 \quad x + b = 0
 \end{array}$$

ASCII

13

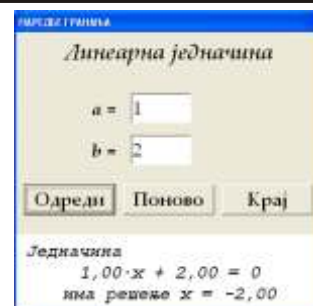
183

'%-27s'

```

procedure TForm1.Button1Click(Sender: TObject);
var a:string;
    b,c:real;
begin b:=StrToFloatDef(Edit1.Text,1);
      Edit1.Text:=FloatToStr(b);
      c:=StrToFloatDef(Edit2.Text,2);
      Edit2.Text:=FloatToStr(c);
      a:=Format('%-27s'+#13+'%1.2f',
                ['          ',b])+#183+'  ';
      If c>=0
      then a:=a+'  ';
      a:=a+Format('%1.2f',[Abs(c)])+' = 0'+#13;
      If b=0
      then If c=0
            then a:=a+'          . '
            else a:=a+'          . '
            else a:=a+'          = '+Format('%1.2f',[-c/b]);
      Label3.Caption:=a;
end;

```



045

9.

2.6.

$$\begin{aligned}
 a_1 x + b_1 y &= c_1 \\
 a_2 x + b_2 y &= c_2
 \end{aligned}$$

$$D = \begin{vmatrix} a_1 & b_1 \\ a_2 & b_2 \end{vmatrix} = a_1 b_2 - a_2 b_1 \quad (D \neq 0)$$

$$D_x = \begin{vmatrix} c_1 & b_1 \\ c_2 & b_2 \end{vmatrix} = c_1 b_2 - c_2 b_1 \quad (D \neq 0)$$

$$D_y = \begin{vmatrix} a_1 & c_1 \\ a_2 & c_2 \end{vmatrix} = a_1 c_2 - a_2 c_1 \quad (D_x \neq 0 \quad D_y \neq 0)$$



```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    a1,b1,c1,a2,b2,c2,d,dx,dy:real;
begin a1:=StrToFloatDef(Edit1.Text,1);Edit1.Text:=FloatToStr(a1);
      b1:=StrToFloatDef(Edit2.Text,2);Edit2.Text:=FloatToStr(b1);
      c1:=StrToFloatDef(Edit3.Text,3);Edit3.Text:=FloatToStr(c1);
      a2:=StrToFloatDef(Edit4.Text,4);Edit4.Text:=FloatToStr(a2);
      b2:=StrToFloatDef(Edit5.Text,5);Edit5.Text:=FloatToStr(b2);
      c2:=StrToFloatDef(Edit6.Text,6);Edit6.Text:=FloatToStr(c2);
      s:=Format('%-27s'+#13+'%1.2f',['          ',a1])+#183+'  ';
      If b1>=0
      then s:=s+'  ';
      s:=s+Format('%1.2f',[b1])+#183+'y='+Format('%1.2f',[c1])+#13;
      s:=s+Format('%1.2f',[a2])+#183+'  ';
      If b2>=0
      then s:=s+'  ';
      s:=s+Format('%1.2f',[b2])+#183+'y='+Format('%1.2f',[c2])+#13;
      d:=a1*b2-a2*b1;
      dx:=c1*b2-c2*b1;
      dy:=a1*c2-a2*c1;
      If d=0
      then If (dx=0)and(dy=0)
            then s:=s+'          . '
            else s:=s+'          . '
            else s:=s+Format('%-27s'+#13+' =%-11.2f'+#13+'y=%-11.2f',
                              ['          ',dx/d,dy/d]);
      Label3.Caption:=s;
end;

```

046

9.


```

If d=0
  then If (dx<>0)or(dy<>0)or(dz<>0)
        then s:=s+'
        else s:=s+'
    else s:=s+Format('%-30s'+#13+' =%1.2f'+#13+'y=%1.2f'+#13+'z=%1.2f',
                    ['
                    ',dx/d,dy/d,dz/d]);
Label3.Caption:=s;
end;

```

047

9.

2.8.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    a,b,c,d,x:real;
begin a:=StrToFloatDef(Edit1.Text,1);
      Edit1.Text:=FloatToStr(a);
      b:=StrToFloatDef(Edit2.Text,2);
      Edit2.Text:=FloatToStr(b);
      c:=StrToFloatDef(Edit3.Text,1);
      Edit3.Text:=FloatToStr(c);
      s:=Format('%-27s'+#13+'%1.2f',[
      '
      ',a])+#183+' 2';
      If b>=0
        then s:=s+'+';
      s:=s+Format('%1.2f',[b])+#183+'x';
      If c>=0
        then s:=s+'+';
      s:=s+Format('%1.2f',[c])+' = 0'+#13;
      d:=b*b-4*a*c;x:=Sqrt(Abs(d));
      If d=0
        then s:=s+Format('%-27s'+#13+'%-10s%1.2f',
                        ['
                        ':',' 1 = x2 =',-b/2/a])
        else If d>0
              then s:=s+'
                  +
                  +
                  1 = '+Format('%1.2f',[(-b+x)/2/a])+#13
                  2 = '+Format('%1.2f',[(-b-x)/2/a])
              else s:=s+'
                  +
                  +
                  1 = '+Format('%1.2f+%1.2f'#183+'i',[-b/2/a,x/2/a])+#13
                  2 = '+Format('%1.2f-%1.2f'#183+'i',[-b/2/a,x/2/a]);
      Label3.Caption:=s;
end;

```

048

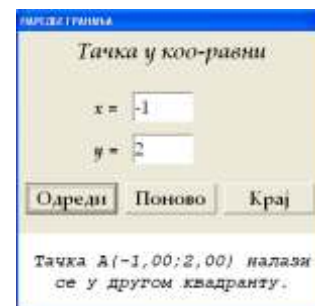
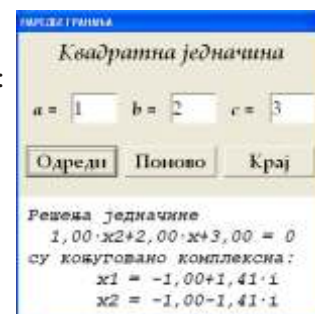
9.

2.9.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    x,y:real;
begin x:=StrToFloatDef(Edit1.Text,1);
      Edit1.Text:=FloatToStr(x);
      y:=StrToFloatDef(Edit2.Text,2);
      Edit2.Text:=FloatToStr(y);
      s:=Format('
      (%1.2f;%1.2f)
      ',[x,y]);
      If x=0

```



```

then If y=0
    then s:=s+'
    else s:=s+' - .'
else If y=0
    then s:=s+' - .'
    else If >0
        then If >0
            then s:=s+'
            else s:=s+'
        else If >0
            then s:=s+'
            else s:=s+'
Label3.Caption:=s;
end;

```

049

9.

2.10.

```

procedure TForm1.Button1Click(Sender: TObject);
var a:string;
    x,y,z:real;
begin x:=StrToFloatDef(Edit1.Text,1);
      Edit1.Text:=FloatToStr(x);
      y:=StrToFloatDef(Edit2.Text,2);
      Edit2.Text:=FloatToStr(y);
      z:=StrToFloatDef(Edit3.Text,3);
      Edit3.Text:=FloatToStr(z);
      a:=' ('+Format('%1.2f;%1.2f;%1.2f')+#13+'
      If x=0
      then If y=0
          then If z=0
              then a:=a+'
              else a:=a+' z- .'
          else If z=0
              then a:=a+' - .'
              else a:=a+' y-z .'
          else If y=0
              then If z=0
                  then a:=a+' x- .'
                  else a:=a+' x-z .'
              else If z=0
                  then a:=a+' x-y .'
                  else If z>0
                      then If x>0
                          then If y>0
                              then a:=a+'
                              else a:=a+'
                          else If >0
                              then a:=a+'
                              else a:=a+'
                      else If x>0
                          then If y>0
                              then a:=a+'
                              else a:=a+'
                          else If >0
                              then a:=a+'
                              else a:=a+'
Label3.Caption:=a;
end;

```



', [x,y,z]);

050

9.

2.11.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    a,b,c,p:integer;
begin a:=StrToIntDef(Edit1.Text,1);Edit1.Text:=IntToStr(a);
      b:=StrToIntDef(Edit2.Text,2);Edit2.Text:=IntToStr(b);
      c:=StrToIntDef(Edit3.Text,3);Edit3.Text:=IntToStr(c);
      s:= '          '+#13;
      If a>b
        then begin p:=a;a:=b;b:=p;
              end;
      If a>c
        then begin p:=a;a:=c;c:=p;
              end;
      If b>c
        then begin p:=b;b:=c;c:=p;
              end;
      Label3.Caption:=s+Format('%2d, %2d, %2d',[a,b,c]);
end;

```



`%2d, %2d',[c,b,a]).`

<

Format

> if *Format('%2d,*

051

9.

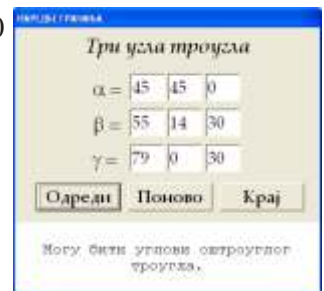
2.12.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    a1,b1,c1,a2,b2,c2,a3,b3,c3,z:integer;
begin a1:=StrToIntDef(Edit1.Text,60);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,60);Edit4.Text:=IntToStr(b1);
      b2:=StrToIntDef(Edit5.Text,0); Edit5.Text:=IntToStr(b2);
      b3:=StrToIntDef(Edit6.Text,0); Edit6.Text:=IntToStr(b3);
      c1:=StrToIntDef(Edit7.Text,60);Edit7.Text:=IntToStr(c1);
      c2:=StrToIntDef(Edit8.Text,0); Edit8.Text:=IntToStr(c2);
      c3:=StrToIntDef(Edit9.Text,0); Edit9.Text:=IntToStr(c3);
      a3:=a1*3600+a2*60+a3;

```

180



```

b3:=b1*3600+b2*60+b3;
c3:=c1*3600+c2*60+c3;
z:=a3+b3+c3;
If z=180*3600
then If (a3=90*3600)and(b3<90*3600)and(c3<90*3600)xor
      (a3<90*3600)and(b3=90*3600)and(c3<90*3600)xor
      (a3<90*3600)and(b3<90*3600)and(c3=90*3600)
then s:='
else If (a3>90*3600)and(b3<90*3600)and(c3<90*3600)xor
      (a3<90*3600)and(b3>90*3600)and(c3<90*3600)xor
      (a3<90*3600)and(b3<90*3600)and(c3>90*3600)
then s:='
else If (a3<90*3600)and(b3<90*3600)and(c3<90*3600)
then s:='
else s:='
Label3.Caption:=s;
end;

```

052

9.

2.13.

180



180

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    a1,b1,c1,a2,b2,c2,a3,b3,c3:integer;
begin a1:=StrToIntDef(Edit1.Text,60);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,60);Edit4.Text:=IntToStr(b1);
      b2:=StrToIntDef(Edit5.Text,0); Edit5.Text:=IntToStr(b2);
      b3:=StrToIntDef(Edit6.Text,0); Edit6.Text:=IntToStr(b3);
      a3:=a1*3600+a2*60+a3;
      b3:=b1*3600+b2*60+b3;
      If (a3+b3<180*3600)and(a3>0)and(b3>0)
      then begin c3:=180*3600-a3-b3;
                c1:=c3 div 3600; Edit7.Text:=IntToStr(c1);
                c2:=c3 mod 3600 div 60;Edit8.Text:=IntToStr(c2);
                c3:=c3 mod 60; Edit9.Text:=IntToStr(c3);
                If (a3=90*3600)or(b3=90*3600)or(c3=90*3600)
                then s:='
                else If (a3>90*3600)or(b3>90*3600)or(c3>90*3600)
                then s:='
                else s:='
            end
      else begin s:='
            Edit7.Clear;
            Edit8.Clear;
            Edit9.Clear;
            end;
      Label3.Caption:=s;
end;

```

053

9.

2.14.

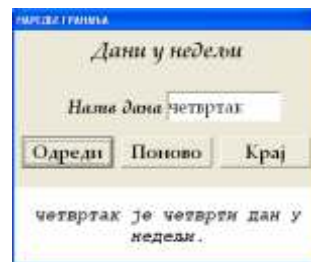
LowerCase

```

procedure TForm1.Button1Click(Sender: TObject);
var a,s:string;
begin s:=Edit1.Text;a:=LowerCase(s);
  If a=' ' then s:=s+' '
  else If a='.' then s:=s+'.'
  else If a='/' then s:=s+'/'
  else If a='-' then s:=s+'-'
  else If a='_' then s:=s+'_'
  else If a='=' then s:=s+'='
  else If a='>' then s:=s+'>'
  else If a='<' then s:=s+'<'
  else s:=s+' ';
  Label3.Caption:=s;
end;

```

054

LowerCase

9.

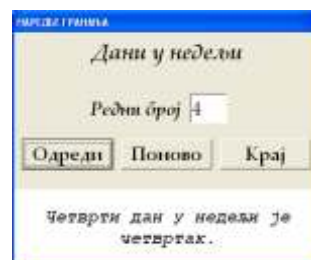
2.15.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    b:integer;
begin b:=StrToIntDef(Edit1.Text,1);
  Edit1.Text:=IntToStr(b);
  If b=1 then s:=' '
  else If b=2 then s:='.'
  else If b=3 then s:='/'
  else If b=4 then s:='-'
  else If b=5 then s:='_'
  else If b=6 then s:='='
  else If b=7 then s:='>'
  else s:=IntToStr(b)+'.';
  Label3.Caption:=s;
end;

```

055



9.

2.16.

```

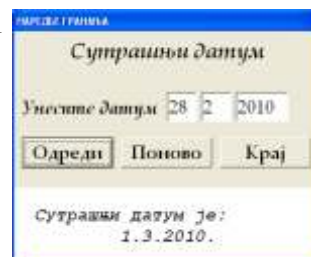
(0
b
),
(28,29,30 31).

```

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    d,m,g,p,b:integer;

```



```

begin d:=StrToIntDef(Edit1.Text,1);Edit1.Text:=IntToStr(d);
m:=StrToIntDef(Edit2.Text,1);Edit2.Text:=IntToStr(m);
g:=StrToIntDef(Edit3.Text,1900);Edit3.Text:=IntToStr(g);
If (g mod 4=0)and(g mod 100<>0)or(g mod 400=0)
  then p:=1
  else p:=0;
If m=2
  then b:=28+p
  else If m in [4,6,9,11]
    then b:=30
    else b:=31;
If (d>b)or(d<1)or(m>12)or(m<1)
  then s:='          .'
  else begin If d<b
    then d:=d+1
    else begin d:=1;
      If m<12
        then m:=m+1
        else begin m:=1; g:=g+1;
          end;
      end;
      s:=Format('%-25s'+#13+'%1d.%1d.%4d.',
        ['          ':',d,m,g]);
    end;
Label3.Caption:=s;
end;

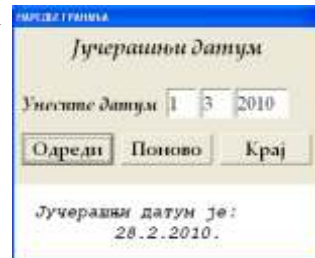
```

056

9.

2.17.

(0
 b). (28,29,30 31).
 , , ,
 :



```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    d,m,g,p,b:integer;
begin d:=StrToIntDef(Edit1.Text,1);Edit1.Text:=IntToStr(d);
m:=StrToIntDef(Edit2.Text,1);Edit2.Text:=IntToStr(m);
g:=StrToIntDef(Edit3.Text,1900);Edit3.Text:=IntToStr(g);
If (g mod 4=0)and(g mod 100<>0)or(g mod 400=0)
  then p:=1
  else p:=0;
If m=2
  then b:=28+p
  else If m in [4,6,9,11]
    then b:=30
    else b:=31;
If (d>b)or(d<1)or(m>12)or(m<1)
  then s:='          .'
  else begin If d>1
    then d:=d-1
    else begin m:=m-1;
      If m=0
        then begin m:=12; g:=g-1;
          end;
      If m=2
        then b:=28+p
        else If m in [4,6,9,11]
          then b:=30
          else b:=31;
      d:=b;
    end;

```

```

        end;
        s:=Format('%-25s'+#13+'%1d.%1d.%4d.',
        ['          ':d,m,g]);
    end;
    Label3.Caption:=s;
end;

```

057

9.

2.18.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    d,m,g,p,b:integer;
begin d:=StrToIntDef(Edit1.Text,1);
      Edit1.Text:=IntToStr(d);
      m:=StrToIntDef(Edit2.Text,1);
      Edit2.Text:=IntToStr(m);
      g:=StrToIntDef(Edit3.Text,1900);
      Edit3.Text:=IntToStr(g);
      If (g mod 4=0)and(g mod 100<>0)or(g mod 400=0)
        then p:=1
         else p:=0;
      If m=2
        then b:=28+p
         else If m in [4,6,9,11]
              then b:=30
               else b:=31;
      If (d>b)or(d<1)or(m>12)or(m<1)
        then s:='. '
         else begin If m>1 then d:=d+31;
                   If m>2 then d:=d+28+p;
                   If m>3 then d:=d+31;
                   If m>4 then d:=d+30;
                   If m>5 then d:=d+31;
                   If m>6 then d:=d+30;
                   If m>7 then d:=d+31;
                   If m>8 then d:=d+31;
                   If m>9 then d:=d+30;
                   If m>10 then d:=d+31;
                   If m>11 then d:=d+30;
                   s:='          '+IntToStr(d)+' . '
                 end;
      Label3.Caption:=s;
end;

```

058

9.

```

case , if , case
      ( ,
      ).

```

(case ... of ...)

2.19.*case*

ComboBox (

).


```

Case m of
  2 : b:=28+p;
  4,6,9,11 : b:=30;
  else b:=31;
end;
If (d>b)or(d<1)or(m>12)or(m<1)
then s:='          .'
else begin If d<b
            then d:=d+1
            else begin d:=1;
                    If m<12
                    then m:=m+1
                    else begin m:=1; g:=g+1;
                            end;
                    end;
            s:=Format('%-25s'+#13+'%1d.%1d.%4d.',
                    ['          :',d,m,g]);
            end;
Label3.Caption:=s;
end;

```

061

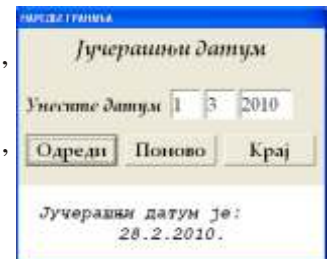
9.

2.22.

```

(28, 29, 30 31).
), 1 b ).
.
:
procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    d,m,g,p,b:integer;
begin d:=StrToIntDef(Edit1.Text,1);Edit1.Text:=IntToStr(d);
      m:=StrToIntDef(Edit2.Text,1);Edit2.Text:=IntToStr(m);
      g:=StrToIntDef(Edit3.Text,1900);Edit3.Text:=IntToStr(g);
      If (g mod 4=0)and(g mod 100<>0)or(g mod 400=0)
      then p:=1
      else p:=0;
      Case m of
        2 : b:=28+p;
        4,6,9,11 : b:=30;
        else b:=31;
      end;
      If (d>b)or(d<1)or(m>12)or(m<1)
      then s:='          .'
      else begin If d>1
                  then d:=d-1
                  else begin m:=m-1;
                          If m=0
                          then begin m:=12; g:=g-1;
                                  end;
                          Case m of
                            2 : d:=28+p;
                            4,6,9,11 : d:=30;
                            else d:=31;
                          end;
                          end;
                  s:=Format('%-25s'+#13+'%1d.%1d.%4d.',
                          ['          :',d,m,g]);
                  end;
Label3.Caption:=s;
end;

```

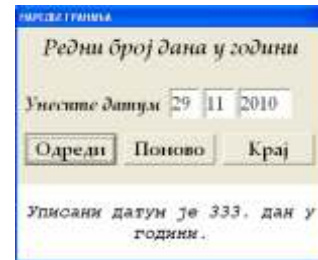


2.23.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    d,m,g,p,b:integer;
begin d:=StrToIntDef(Edit1.Text,1);
      Edit1.Text:=IntToStr(d);
      m:=StrToIntDef(Edit2.Text,1);
      Edit2.Text:=IntToStr(m);
      g:=StrToIntDef(Edit3.Text,1900);
      Edit3.Text:=IntToStr(g);
      If (g mod 4=0)and(g mod 100<>0)or(g mod 400=0)
        then p:=1
        else p:=0;
      Case m of
        2 : b:=28+p;
        4,6,9,11 : b:=30;
        else b:=31;
      end;
      If (d>b)or(d<1)or(m>12)or(m<1)
        then s:='
        else begin m:=m-1;
                  Case m of
                    1 : d:=d+31;
                    2 : d:=d+31+28+p;
                    3 : d:=d+31+28+p+31;
                    4 : d:=d+31+28+p+31+30;
                    5 : d:=d+31+28+p+31+30+31;
                    6 : d:=d+31+28+p+31+30+31+30;
                    7 : d:=d+31+28+p+31+30+31+30+31;
                    8 : d:=d+31+28+p+31+30+31+30+31+31;
                    9 : d:=d+31+28+p+31+30+31+30+31+31+30;
                   10: d:=d+31+28+p+31+30+31+30+31+31+30+31;
                   11: d:=d+31+28+p+31+30+31+30+31+31+30+31+30;
                  end;
                  s:='
                        '+IntToStr(d)+'
                        .
                        .';
        end;
      Label3.Caption:=s;
end;

```

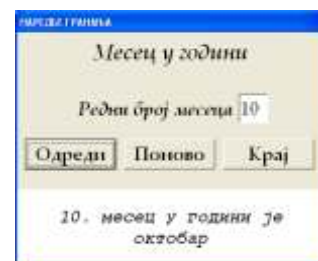


2.24.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    b:integer;
begin b:=StrToIntDef(Edit1.Text,1);
      Edit1.Text:=IntToStr(b);
      Case b of
        1 : s:=IntToStr(b)+'
        2 : s:=IntToStr(b)+'
        3 : s:=IntToStr(b)+'
        4 : s:=IntToStr(b)+'
        5 : s:=IntToStr(b)+'
        6 : s:=IntToStr(b)+'
        7 : s:=IntToStr(b)+'

```



```

      8 : s:=IntToStr(b)+'.';
      9 : s:=IntToStr(b)+'.';
     10: s:=IntToStr(b)+'.';
     11: s:=IntToStr(b)+'.';
     12: s:=IntToStr(b)+'.';
     else s:=IntToStr(b)+'.'+#13+'.';
   end;
   Label3.Caption:=s;
end;

```

064

9.

2.25.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    m,g,p,b:integer;
begin m:=StrToIntDef(Edit1.Text,1);
      Edit1.Text:=IntToStr(m);
      g:=StrToIntDef(Edit2.Text,2010);
      Edit2.Text:=IntToStr(g);
      If (g mod 4=0)and(g mod 100<>0)or(g mod 400=0)
        then p:=1
        else p:=0;
      Case m of
        2 : b:=28+p;
        4,6,9,11 : b:=30;
        else b:=31;
      end;
      If (m>12)or(m<1)
        then s:=''
        else begin Case m of
                  1 : s:='Ja'+IntToStr(b)+'.';
                  2 : s:=''+IntToStr(b)+'.';
                  3 : s:=''+IntToStr(b)+'.';
                  4 : s:=''+IntToStr(b)+'.';
                  5 : s:=''+IntToStr(b)+'.';
                  6 : s:='J'+IntToStr(b)+'.';
                  7 : s:='J'+IntToStr(b)+'.';
                  8 : s:=''+IntToStr(b)+'.';
                  9 : s:=''+IntToStr(b)+'.';
                 10: s:=''+IntToStr(b)+'.';
                 11: s:=''+IntToStr(b)+'.';
                 12: s:=''+IntToStr(b)+'.';
                else s:='';
              end;
      Label3.Caption:=s;
end;

```

065

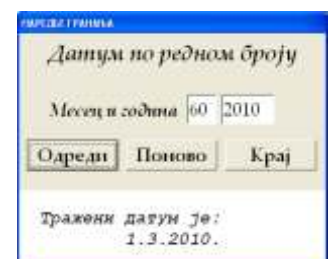
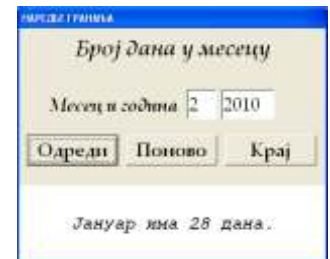
9.

2.26.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    d,m,g,p,b:integer;
begin d:=StrToIntDef(Edit1.Text,1);
      Edit1.Text:=IntToStr(d);
      g:=StrToIntDef(Edit2.Text,2010);

```



```

Edit2.Text:=IntToStr(g);
If (g mod 4=0)and(g mod 100<>0)or(g mod 400=0)
  then p:=1
  else p:=0;
If (d>365+p)or(d<1)
  then s:='
  else begin If (p=1)and(d=60)
    then begin m:=2;d:=29;
      end
    else begin If d>59
      then d:=d-p;
      Case d of
        1..31: m:= 1;
        32..59: begin d:=d-31;m:=2;end;
        60..90: begin d:=d-59;m:=3;end;
        91..120: begin d:=d-90;m:=4;end;
        121..151: begin d:=d-120;m:=5;end;
        152..181: begin d:=d-151;m:=6;end;
        182..212: begin d:=d-181;m:=7;end;
        213..243: begin d:=d-212;m:=8;end;
        244..273: begin d:=d-243;m:=9;end;
        274..304: begin d:=d-273;m:=10;end;
        305..334: begin d:=d-304;m:=11;end;
        335..365: begin d:=d-334;m:=12;end;
      end;
    end;
    s:=Format('%-25s'+#13+'%1d.%1d.%4d.',
      ['          ':',d,m,g]);
  end;
Label3.Caption:=s;
end;

```

066

9.

2.27.

```

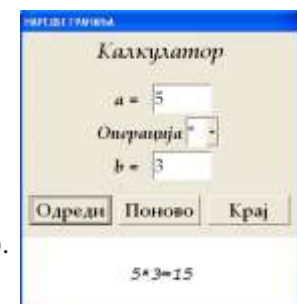
procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    a,b:real;
    o:char;
begin a:=StrToFloatDef(Edit1.Text,1);
      Edit1.Text:=FloatToStr(a);
      o:=Edit2.Text[1];
      b:=StrToFloatDef(Edit3.Text,3);
      Edit3.Text:=FloatToStr(b);
      s:=Edit1.Text+o+Edit3.Text+'=';
      Case o of
        '+':s:=s+FloatToStr(a+b);
        '-':s:=s+FloatToStr(a-b);
        '*':s:=s+FloatToStr(a*b);
        '/':If b<>0
          then s:=s+FloatToStr(a/b)
          else s:='          ';
      end;
      Label3.Caption:=a;
end;

```

067

9.

(, .)



```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    a,b:real;
    o:char;
begin a:=StrToFloatDef(Edit1.Text,1);
      Edit1.Text:=FloatToStr(a);
      b:=StrToFloatDef(Edit2.Text,3);
      Edit2.Text:=FloatToStr(b);
      s:=Edit1.Text+ComboBox1.Text+Edit2.Text+'=';
      Case ComboBox1.ItemIndex of
        1:s:=s+FloatToStr(a+b);
        2:s:=s+FloatToStr(a-b);
        3:s:=s+FloatToStr(a*b);
        4:If b<>0
            then s:=s+FloatToStr(a/b)
            else s:='      ';
          else s:='      ';
      end;
      Label3.Caption:=a;
end;

```

068

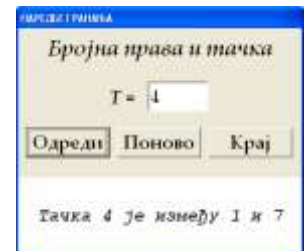
9.

2.28.

```

procedure TForm1.Button1Click(Sender: TObject);
const a=-3; b=1; c=7;
var s:string;
    d:integer;
begin d:=StrToIntDef(Edit1.Text,4);
      Edit1.Text:=IntToStr(d);
      s:='      '+Edit1.Text+'';
      Case d of
        a:s:=s+'      '+IntToStr(a);
        b:s:=s+'      '+IntToStr(b);
        c:s:=s+'      '+IntToStr(c);
      -maxint..a-1:s:=s+'      '+IntToStr(a);
        a+1..b-1:s:=s+'      '+IntToStr(a)+'      '+IntToStr(b);
        b+1..c-1:s:=s+'      '+IntToStr(b)+'      '+IntToStr(c);
        c+1..maxint:s:=s+'      '+IntToStr(c);
      end;
      Label3.Caption:=s;
end;

```



Case

If

069

9.

2.29.

```

procedure TForm1.Button1Click(Sender: TObject);
var s:string;
    d1,m1,g1,d2,m2,g2,p,b:integer;
begin d1:=StrToIntDef(Edit1.Text,1);
      Edit1.Text:=IntToStr(d1);
      m1:=StrToIntDef(Edit2.Text,1);
      Edit2.Text:=IntToStr(m1);
      g1:=StrToIntDef(Edit3.Text,2010);

```



```

Edit3.Text:=IntToStr(g1);
d2:=StrToIntDef(Edit4.Text,1);
Edit4.Text:=IntToStr(d2);
m2:=StrToIntDef(Edit5.Text,1);
Edit5.Text:=IntToStr(m2);
g2:=StrToIntDef(Edit6.Text,2010);
If g1<>g2 then g2:=g1;
Edit6.Text:=IntToStr(g2);
If (g1 mod 4=0)and(g1 mod 100<>0)or(g1 mod 400=0)
  then p:=1
  else p:=0;
Case m1 of
  2 : b:=28+p;
  4,6,9,11 : b:=30;
  else b:=31;
end;
If (d1>b)or(d1<1)or(m1>12)or(m1<1)
  then s:='          .'
  else begin Case m2 of
    2 : b:=28+p;
    4,6,9,11 : b:=30;
    else b:=31;
  end;
  If (d2>b)or(d2<1)or(m2>12)or(m2<1)
    then s:='          .'
    else begin m1:=m1-1;
      Case m1 of
        1 : d1:=d1+31;
        2 : d1:=d1+31+28+p;
        3 : d1:=d1+31+28+p+31;
        4 : d1:=d1+31+28+p+31+30;
        5 : d1:=d1+31+28+p+31+30+31;
        6 : d1:=d1+31+28+p+31+30+31+30;
        7 : d1:=d1+31+28+p+31+30+31+30+31;
        8 : d1:=d1+31+28+p+31+30+31+30+31+31;
        9 : d1:=d1+31+28+p+31+30+31+30+31+31+30;
        10: d1:=d1+31+28+p+31+30+31+30+31+31+30+31;
        11: d1:=d1+31+28+p+31+30+31+30+31+30+31+31+30+31+30;
      end;
      m2:=m2-1;
      Case m2 of
        1 : d2:=d2+31;
        2 : d2:=d2+31+28+p;
        3 : d2:=d2+31+28+p+31;
        4 : d2:=d2+31+28+p+31+30;
        5 : d2:=d2+31+28+p+31+30+31;
        6 : d2:=d2+31+28+p+31+30+31+30;
        7 : d2:=d2+31+28+p+31+30+31+30+31;
        8 : d2:=d2+31+28+p+31+30+31+30+31+31;
        9 : d2:=d2+31+28+p+31+30+31+30+31+31+30;
        10: d2:=d2+31+28+p+31+30+31+30+31+31+30+31;
        11: d2:=d2+31+28+p+31+30+31+30+31+30+31+31+30+31+30;
      end;
      s:='          '+IntToStr(d2-d1);
    end;
  end;
Label3.Caption:=s;
end;

```