```pascal
Program TemaPentruAcasa1;
type Ora=0..23;
    Grade=-40..40;
    Temperatura = array [Ora] of Grade;
var t:Temperatura;
  i:integer;
  tmax,tmin:Grade;
  function temperaturaMedie(t:Temperatura):real;
   var suma:real;
      i:integer;
  begin
  suma:=0;
  for i:=0 to 23 do suma:=suma+t[i];
  temperaturaMedie:=suma/24;
  end;
  procedure temperaturaMinimaMaxima(t:Temperatura; var tmin,tmax:Grade);
   var i:integer;
  begin
  tmin :=t[0];
  tmax:=t[0];
  for i:=1 to 23 do
  begin
  if t[i]<tmin then tmin := t[i];
  if t[i] >tmax then tmax :=t[i];
  end;
  end;
  procedure oraTemperaturaMaxima(t:Temperatura;tmax:Grade);
  var i:integer;
  begin
```

```pascal
writeln ('Orele la care sa inregistrat temperatura maxima');

for i:=0 to 23 do

begin

 if t[i]=tmax then writeln(i);

 end;

 end;


 procedure oraTemperaturaMinima(t:Temperatura; tmin:Grade);

  var i:integer;

begin

  writeln('Orele la care sa inregistrat temperatura minima');

   for i:=0 to 23 do

   begin

   if t[i] = tmin then writeln(i);

    end;

  end;

  begin

  for i:=0 to 23 do

  begin

  writeln ('Dati temperatura pentru ora: ',i);

  readln (t[i]);

  end;

  writeln();

  writeln ('Temperatura medie: ',temperaturaMedie(t):0:2);

  temperaturaMinimaMaxima(t,tmin,tmax);


  writeln('Temperatura maxima: ',tmax);

  writeln('Temperatura minima: ',tmin);
```

```
oraTemperaturaMaxima (t,tmax);

oraTemperaturaMinima(t,tmin);

end.
```