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]tmax then tmax :=t[i];

end;

end;

procedure oraTemperaturaMaxima(t:Temperatura;tmax:Grade);

var i:integer;

begin

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.