Program P3;

Type Ora=0..23;

Grade=-40..40;

Temperatura= array [Ora] of Grade;

var t:Temperatura;

i:integer;

tmax,tmin:Grade;

function TMed (t:Temperatura):real;

var suma:real;

i:integer;

begin

suma:=0;

for i:=0 to 23 do suma:=suma+t[1];

TMed:=suma/24;

End;

Procedure TMinMax (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 OraTMax (t:Temperatura; tmax:Grade);

var i:integer;

begin

writeln (‘Orele la care s-a inregistrat temperatura maxima: ‘);

for i:=1 to 23 do

begin

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

end;

end;

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

var i:integer;

begin

writeln (‘Orele la care s-a inregistrat temperatura minima: ‘);

for i:=1 to 23 do

begin

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

end;

end;

begin

for i:=1 to 23 do

begin

writeln(‘Dati temperature pentru ora: ‘,i);

readln(t[i]);

end;

writeln( );

writeln(‘Temperatura medie: ‘,TMed(t):0:2);

TMinMax(t,tmin,tmax);

writeln(‘Temperatura maxima: ‘,tmax);

writeln(‘Temperatura minima: ‘,tmin);

OraTMax(t,tmax);

OraTMin(t,tmin);

End.