Program P1;

type Ora = 0..23;

Grade = -40..40;

Temperatura = array [Ora] of Grade;

var t: Temperatura;

n : integer;

m, maxim, minim : real;

procedure TMed (var med : real);

var s : real; i,k : integer;

begin

s := 0;

k := 0;

for i := 0 to n do

begin

s := t[i] + s;

inc (k);

med := s/k;

end;

procedure Max (var maxim:real);

var i : integer;

begin

maxim := t[0];

for i := 1 to n do

if t[i] > maxim then maxim := t[i];

end;

Procedure Min (var minim : real);

begin

minim := t[0];

for i := 1 to n do

if t[i] < minim then minim := t[i];

end;

procedure OraMax (maxim :real);

var i : integer;

begin

for i := 0 to n do

if t[i] = maxim then writeln ('Temperatura maxima s-a inregistrat la ora',i);

end;

procedure OraMin (minim: real);

var i : integer;

begin

for i := 0 to n do

if t[i] = minim then writeln (' Temperatura minima s-a inregistrat la ora',i);

end;

procedure Citire

var i : integer;

begin

for i := 0 to n do read (t[i]);

end;

procedure Afisare;

var i : integer;

begin

for i := 0 to n do

write (t[i]:3);

end;

begin

write ('n=');

n := 5;

readln (n);

Citire;

Afisare;

TempMed (m);

Max (maxim);

Min (minim);

OraMax (maxim);

OraMin (minim);

end.