**type**

adresacandidat = ^candidat;

candidat = **record**

NumePrenume: string;

Notamedie: real;

Urm: adresacandidat;

**end**;

**var**

a, b, c, adoualista, adoualista2, adoualistainceput: adresacandidat;

**procedure** creare;

**var**

s: string;

**begin**

writeln('Introdu elevul, final=sfarsit'); readln(s);

**while** s <> 'final' **do**

**begin**

**new**(a);

a^.numeprenume := s;

writeln('Introdu nota medie'); readln(a^.notamedie);

a^.urm := nil;

**if** c = nil **then begin**

**new**(c);

c := a;

**end**;

**if** b = nil **then begin**

**new**(b);

b := a;

**end**

**else**

**begin**

b^.urm := a;

b := a;

**end**;

writeln('Introdu elevul, final=sfarsit'); readln(s);

**end**;

**end**;

**procedure** afisare;

**var**

a1: adresacandidat;

**begin**

a1 := c;

**while** a1 <> nil **do**

**begin**

writeln(a1^.NumePrenume);

writeln(a1^.Notamedie);

a1 := a1^.Urm;

**end**;

**end**;

**procedure** excludere;

**var**

a1, a2: adresacandidat;

s: string;

**begin**

a1 := c;

writeln('care candidat isi retrage actele?'); readln(s);

**while** a1 <> nil **do**

**begin**

**if** a1^.NumePrenume = s **then begin**

**if** a2 = nil **then begin**

c := a1^.Urm;

dispose(a1);

**exit**;

**end**

**else begin**

a2^.Urm := a1^.Urm;

dispose(a1);

**exit**;

**end**;

**end**;

a2 := a1;

a1 := a1^.urm;

**end**;

**end**;

**procedure** includere;

**var**

a1, a2: adresacandidat;

**begin**

**new**(a2);

a1 := c;

writeln('Introduceti candidatul care isi depune actele');

readln(a2^.NumePrenume);

writeln('Introduceti nota medie'); readln(a2^.Notamedie);

a2^.Urm := c;

c := a2;

**end**;

**procedure** maimareca7;

**var**

a1: adresacandidat;

**begin**

a1 := c;

**while** a1 <> nil **do**

**begin**

**if** a1^.Notamedie > 7.5 **then**

writeln('Candidatul ', a1^.NumePrenume, ' are media mai mare ca 7.5');

a1 := a1^.Urm;

**end**;

**end**;

**procedure** maimareca9;

**var**

a1: adresacandidat;

**begin**

a1 := c;

**while** a1 <> nil **do**

**begin**

**if** a1^.Notamedie > 9 **then**

**begin**

**new**(adoualista);

adoualista^.NumePrenume := a1^.NumePrenume;

adoualista^.Notamedie := a1^.Notamedie;

adoualista^.Urm := nil;

**if** adoualistainceput = nil **then** adoualistainceput := adoualista;

**if** adoualista2 = nil **then** adoualista2 := adoualista

**else begin**

adoualista2^.Urm := adoualista;

adoualista2 := adoualista;

**end**;

**end**;

a1 := a1^.Urm;

**end**;

**end**;

**procedure** ultimulpunct;

**var**

a1, z, z1: adresacandidat;

i: integer;

**begin**

a1 := c;

**while** a1 <> nil **do**

**begin**

**if** a1^.Notamedie < 6 **then begin**

**if** z = nil **then begin**

c := c^.Urm;

z1 := a1;

a1 := a1^.Urm;

dispose(z1);

inc(i);

**end**

**else begin**

**if** c = a1 **then** c := c^.Urm;

z^.Urm := a1^.Urm;

z1 := a1;

a1 := a1^.Urm;

dispose(z1);

inc(i);

**end**;

**end**;

z := a1;

**if** i = 0 **then**

a1 := a1^.Urm

**else**

i := 0;

**end**;

**end**;

**begin**

creare;

ultimulpunct;

afisare;

**end**.