```
GrubleacGabriela
program PrelucrareLista;
type
  AdresaCandidat = ^Candidat;
  Candidat = record
    Numeprenume: string;
    notamedia: real;
    Urm: AdresaCandidat;
  end;
var
  i, n: integer;
  nume: string;
 media: real;
 p, r, v, u: AdresaCandidat;
procedure creare(var p: AdresaCandidat);
begin
  write('introdu elevul (Cheia de sfarsit e cuvantul final) '); readln(nume);
  while nume <> 'final' do
 begin
    write('introdu media elevului ', nume, ' '); readln(media);
    new(R); r^.numeprenume := nume; r^.notamedia := media; r^.urm := nil;
    if P = nil then P := R else v^.urm := r;
    v := r;
    write('Cheia de sfarsit e cuvantul final '); readln(nume);
  end;
end;
procedure exclude(var p: AdresaCandidat; var ne: integer);
begin
  ne := 0; {ne- numarul de elemente}r := p; v := r;
  while r <> nil do
 begin
    if r^{\cdot}.notamedia < 6.0
      then if P = r then begin P := r^.urm; v := p; dispose(r); r := v; end
      else begin v^.urm := r^.urm; dispose(r); r := v^.urm; end
    else begin ne := ne + 1; v := r; r := r^.urm; end;
  end:
end; {exclude}
procedure afisare1(var p: AdresaCandidat; var ne: integer);
begin
  r := p;
 while r <> nil do
 begin
    if (r^.urm <> nil) and (r <> p)
      then writeln(r^.numeprenume:20, r^.notamedia:7:2);
    r := r^{\cdot}.urm;
  end;
end;
procedure include(var p: AdresaCandidat);
  writeln('Introduceti candidatul care depune actele');
```

```
readln(nume); readln(media);
  new(R); r^.numeprenume := nume; r^.notamedia := media;
  r^*.urm := p; P := R;
end;
procedure cei cu 9(var p, u: AdresaCandidat);
  q: AdresaCandidat;
begin
 u := nil; r := p;
 while r <> nil do
 begin
    if r^{\cdot}.notamedia >= 9.0
    then begin
      new(q); q^.numeprenume := r^.numeprenume;
      q^.notamedia := r^.notamedia; q^.urm := nil;
      if u = nil then begin u := q; v := q; end
      else begin v^.urm := q; v := q; end;
    end;
    r := r^.urm;
  end;
end;
procedure afisare(u: AdresaCandidat);
begin
 R := u;
 while R <> nil do
 begin writeln(r^.numeprenume:20, r^.notamedia:7:2); r := r^.urm; end;
end;
begin
 p := nil; creare(p); writeln('Lista initiala este'); afisare(p);
 writeln('Lista fara primul si ultimul'); afisare1(p, n);
 include(p); writeln('Lista cu cel inclus la inceputul listei'); afisare(p);
  cei cu 9(p, u); writeln('Lista celor cu 9'); afisare(u);
  exclude(p, n); writeln('Lista dupa excludere este'); afisare(p);
end.
```