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Program Ex_3;
type AdresaCandidat=^Candidat;
Candidat=record NumePrenume:string;
NotaMedie:real;
Urm:AdresaCandidat;
end;
var p,c,u,p1:AdresaCandidat;
n:integer;
procedure creare;
var i:integer;
begin write('n=');
readln(n);
new(c);
readln(c^.NumePrenume);
readln(c^.NotaMedie);
c^.Urm:=nil;
p:=c;
u:=c;
for i:=2 to n do
begin
new(c);
readln(c^.NumePrenume);
readln(c^.NotaMedie);
c^.Urm:=nil;
u^.Urm:=c;
u:=c;
end;
end;
procedure afisare;
begin
c:=p;
while c<>nil do
begin

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writeln(c^.NumePrenume);
writeln(c^.NotaMedie);
c:=c^.Urm;
end;
end;
procedure candidati;
begin
c:=p;
writeln('Medie peste 7.5 au urmatorii candidati');
while c<>nil do
begin
if c^.NotaMedie>7.5 then
begin
write(c^.NumePrenume);
writeln(' ', c^.NotaMedie);
end;
c:=c^.Urm;
end;
end;
procedure Excludere;
label 1;
var q:AdresaCandidat;
Nume:string;
begin
writeln('Ce candidat isi retrage acetele?');
readln(Nume);
c:=p;
q:=c;
while c<>nil do begin
if c^.NumePrenume=Nume then goto 1;
q:=c;
c:=c^.Urm;
end;
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1:if c=nil then writeln('Nu exista numele') else
Begin
if c=p then p:=c^.urm else
q^.urm:=c^.urm;
end;
end;
procedure Includere;
label 1;
var q:AdresaCandidat;
Nume:string;
begin
new(q);
writeln('Ce candidat isi depune actele?');
readln(q^.NumePrenume);
readln(q^.NotaMedie);
writeln('Dupa cine va fi in lista?');
readln(Nume);
c:=p;
while c<>nil do begin
if c^.NumePrenume=Nume then goto 1;
c:=c^.Urm;
end;
1:if c=nil then begin writeln('Nu exista numele');
dispose(q);
end else
begin
q^.Urm:=c^.Urm;
c^.Urm:=q;
end;
end;
procedure creare2;
label 1,2;
var q:AdresaCandidat;

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begin new(q);
c:=p;
writeln('Lista 2');
while c<>nil do begin
if c^.NotaMedie>9 then
p1:=c;
break;
c:=c^.Urm;
end;
if p1<>nil then begin
c:=p1^.Urm;
while c<>nil do begin
if c^.NotaMedie>9 then begin
q^.urm:=c;
q:=c;
end;
end;
end;
end;
procedure afisare2;
begin
c:=p1;
while c<>nil do begin
writeln(c^.NumePrenume);
writeln(c^.NotaMedie);
c:=c^.Urm;
end;
end;
procedure Excludere2;
label 1;
var q:AdresaCandidat;
begin
c:=p;

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q:=c;
while c<>nil do begin
if c^.NotaMedie<6 then goto 1;
q:=c;
c:=c^.Urm;
end;
1:if c=nil then writeln('Nimeni nu are mai putin de 6') else
begin
if c=p then p:=c^.urm else
q^.urm:=c^.urm;
end;
end;
begin
create;
afisare;
candidati;
excludere;
includere;
afisare;
create2;
afisare2;
excludere2;
afisare;
end.
```