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```
program ex3pag50;
  type AdresaCelula=^celula;
    Celula=record
      nrin, anfab:integer;
      station, tip, owner : string;
      cap:real;
      Prec : AdresaCelula;
    end;
  var s:adresacelula;
      n:integer;

  procedure creare;
  var r:adresacelula;
      i:integer;
  begin
    for i:=1 to n do
      begin
        new(r);
        writeln('vagonul nr ',i);
        write('introduceti nr de inmatriculare: '); readln(r^.nrin);
        write('introduceti anul fabricarii: '); Readln(r^.anfab);
        write('introduceti statia: '); readln(r^.station);
        write('introduceti tipul wagonului: '); Readln(r^.tip);
        write('introduceti proprietarul: '); Readln(r^.owner);
        write('introduceti capacitatea wagonului: '); Readln(r^.cap);
        r^.prec:=s;
        s:=r;
      end;
    end;

  procedure afisare;
  var r:adresacelula;
      i:integer;
  begin
    i:=0;
    while s<>nil do begin
      inc(i);
      r:=s;
      writeln('vagonul ',i,':',r^.nrin,' ', r^.anfab,' ',r^.station,' ',
r^.tip,' ',r^.owner,' ',r^.cap );
      s:=s^.prec;
      dispose(r);
    end;

  end;

  begin
    readln(n);
    creare;
    afisare;
  end.
```

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program ex4pag50;
type AdresaCelula=^celula;
   Celula=record
      an, anang, data:integer;
      n,p,month: string;
      cap:real;
      Prec : AdresaCelula;
   end;
var s:adresacelula;
    n:integer;

procedure creare;
var r:adresacelula;
    i:integer;
begin
for i:=1 to n do
begin
new(r);
writeln('angajatul nr ',i);
write('introduceti anul nasterii'); readln(r^.an);
write('introduceti nume: ');Readln(r^.n);
write('introduceti prenume: '); readln(r^.p);
write('introduceti data angajarii: '); Readln(r^.data);
write('introduceti luna angajarii: '); Readln(r^.month);
write('introduceti anul angajarii: '); Readln(r^.anang);
r^.prec:=s;
s:=r
end;
end;

procedure afisare;
var r:adresacelula;
    i:integer;
begin
i:=0;
while s<>nil do begin
inc(i);
r:=s;
writeln('angajatul ',i,':',r^.n,' ', r^.p,' ',r^.an,' ',
r^.data,'.',r^.month,'.',r^.anang );
s:=s^.prec;
dispose(r);
end;

end;

begin
readln(n);
creare;
afisare;
end.

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Program ex2pag54;
  type AdresaCelula=^Celula;
  Celula=record
    nrim, nrrut:integer;
    tip : string;
    Urm : AdresaCelula;
  end;
  var P,u:adresacelula;
      n:integer;

  procedure creare;
  var R:adresacelula;
      i:integer;
  begin
    p:=nil;new(r);
    writeln('Avionul nr 1');
    write('Introduceti nr de imatriculare: '); readln(r^.nrim);
    write('Introduceti nr rutei: '); readln(r^.nrrut);
    write('Introduceti tipul avionului: '); readln(r^.tip);
    R^.Urm:=nil;
    U:=R;
  for i :=2 to n do
  begin
    new(R);
    writeln('Avionul nr ',i);
    write('Introduceti nr de imatriculare: '); readln(r^.nrim);
    write('Introduceti nr rutei: '); readln(r^.nrrut);
    write('Introduceti tipul avionului: '); readln(r^.tip);
    R^.Urm:=nil;
    U^.Urm:=R;
    U:=R;
  end;
  end;

  procedure afishare;
  var R:adresacelula;
      i:integer;
  begin
    i:=0;
    while p<>nil do begin
      inc(i);
      r:=p;
      Writeln('avionul ',i,' nr de imatriculare: ',r^.nrim,' nr
rutei',r^.nrrut , ' tipul avionului', r^.tip);
      p:=p^.urm;
      dispose(r);
    end;

  end;

  begin

```

```
readln(n);  
create;  
afishare;  
end.
```