Au colaborat Felicia Burlacu si Puiu

//ex4p50

**Program** p1;

**type** adresa=^celula;

celula=**record**

nume:string;

prenume:string;

anul:integer;

dataangajarii:string;

prec:adresa;

**end**;

**var** s:adresa;

n,i:integer;

**procedure** Introducere;

**var** r:adresa;

**begin**

**new**(r);

writeln('introduceti numele si prenumele'); readln(r^.nume); readln(r^.prenume);

writeln('introduceti anul nasterii'); readln(r^.anul);

writeln('introduceti data angajarii'); readln(r^.dataangajarii);

r^.prec:=s;

s:=r;

**end**;

**procedure** Afisare;

**var** r :adresa;

**begin**

**if** s=nil **then** writeln('stiva e vida')

**else begin**

writeln('stiva este ');

r:=s;

**while** r<>nil **do begin**

writeln(r^.nume , r^.prenume, r^.anul, r^.dataangajarii);

r:=r^.prec;

**end**;

**end**;

**end**;

**begin**

writeln ('introduceti nr de elem'); readln(n);

s:=nil;

**for** i:=1 **to** n **do**

introducere;

afisare;

**end**.

//ex2p54 + conditie auxiliara

**program** p2;

**type** adresa=^celula;

celula = **record**

numar:integer;

tipul:string;

numarruta:integer;

urm:adresa;

**end**;

**var** p,u:adresa;

n,i:integer;

**procedure** introducere;

**var** r:adresa;

**begin**

**new**(r);

writeln('introduceti nr avionului'); readln(r^.numar);

writeln('introduceti tipul'); readln(r^.tipul);

writeln('introduceti numarul rutei'); readln(r^.numarruta);

r^.urm:=nil;

**if** p = nil **then begin** p:=r; u:=r; **end**

**else begin** u^.urm:=r; u:=r; **end**;

**end**;

**procedure** afisare;

**var** r:adresa;

**begin**

**if** p=nil **then** writeln('coada vida')

**else begin**

write('coada este ');

r:=p;

**while** r<>nil **do**

**begin**

writeln('element:');

writeln(r^.numar);

writeln(r^.tipul);

writeln(r^.numarruta);

r:=r^.urm;

**end**;

**end**;

**end**;

**procedure** p1;

//procedura 1 = afiseaza avione cu acelasi nr de ruta

**var** r:adresa;

x:integer;

**begin**

**if** p=nil **then** writeln('coada vida') **else**

**begin**

r:=p; writeln('introdu ruta cautata'); readln(x);

**while** r<>nil **do**

**if** r^.numarruta=x **then begin** writeln('element:');

writeln(r^.numar);

writeln(r^.tipul);

writeln(r^.numarruta);

r:=r^.urm;

**end**

**else** r:=r^.urm;

**end**;

**end**;

**begin**

writeln('introduceti nr de elem'); readln(n);

**for** i :=1 **to** n **do**

introducere; afisare; p1;

**end**.