Sofia Bondari, Htema Victor. Clasa 11 ‚D'
Ex.2.P54


```pascal
Program P2;
type AdresaCelula=^Celula;
     Celula=record
                NrInmatr:integer;
                TipAvion:string;
                NrRuta:integer;
                Urm:AdresaCelula;
             end;

var P,
    U:AdresaCelula;
    c:char;

procedure Introduc;
var R:AdresaCelula;
begin
 new(R);
 write('Dati avionul care');
 writeln(' aterizeaza:');
 readln(R^.NrInmatr);
 readln(R^.TipAvion);
 readln(R^.NrRuta);
 R^.Urm:=nil;
 if P=nil then begin P:=R;  U:=R end
          else begin U^.Urm:=R; U:=R end;
end;


 procedure Afis;
 var R:AdresaCelula;
 begin
  if P=nil then writeln('Coada este vida')
           else begin
                  write('Coada include');
                  writeln(' elementele:');
                  R:=P;
                  while R<>nil do
                   begin
                     writeln(R^.NrInmatr);
                     writeln(R^.TipAvion);
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```pascal
                    writeln(R^.NrRuta);

                        R:=R^.Urm;
                    end;
                end;
        readln;
  end;

  procedure IntroducSolic;
var R:AdresaCelula;
begin
 new(R);
 write('Dati elementul ce solicita');
 writeln(' sa aterizeze:');
 readln(R^.NrInmatr);
 readln(R^.TipAvion);
 readln(R^.NrRuta);
 R^.Urm:=nil;
 if P=nil then begin P:=R;  U:=R end
         else begin U^.Urm:=R; U:=R end;
end;




   procedure AfisSolic;
 var R:AdresaCelula;
 begin
  if P=nil then writeln('Coada este vida')
          else begin
                  write('Coada include');
                  writeln(' elementele:');
                  R:=P;
                  while R<>nil do
                   begin
                     writeln(R^.NrInmatr);
                     writeln(R^.TipAvion);
                     writeln(R^.NrRuta);

                     R:=R^.Urm;
                   end;
                end;
        readln;
  end;
  begin
   P:=nil; U:=nil;
    repeat
```

```pascal
      writeln('Meniu:');
      writeln('I - Introducerea elementului;');
      writeln('A - Afisarea cozii la ecran;');
      writeln('O - Oprirea programului');
      write('Optiunea=');readln(c);
      case c of
       'I':Introduc;
       'A':Afis;
       'IS':IntroducSolic;
       'AS':AfisSolic;
       'O':
       else writeln('Optiune necunoscuta')
      end;
    until c='O';
  end.
```