PROCEDURI

PROIECT DE IEȘANU ADRIAN SORIN

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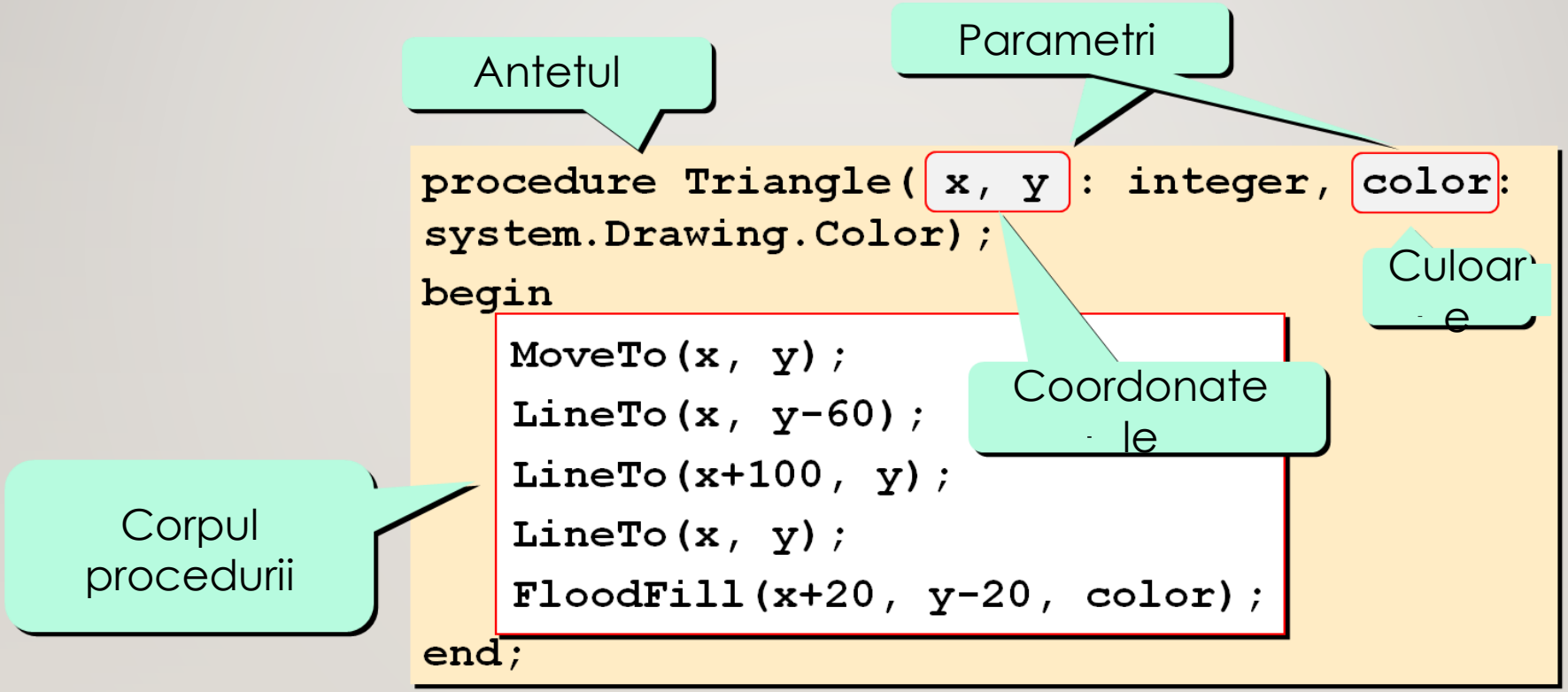
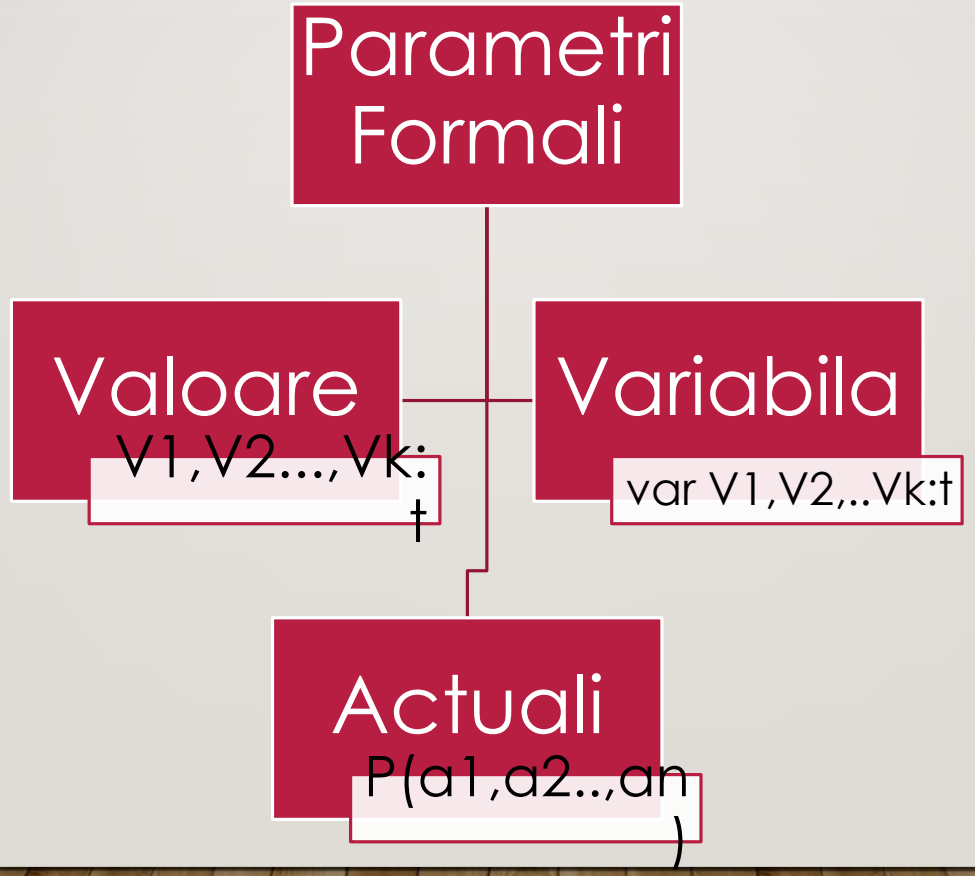
CE SUNT PROCEDURILE?



TIPURI DE PARAMETRI



EXEMPLE DE PROCEDURI

```
Program eraser;
var a:string;
b:char;
procedure Erase(x:char;var y:string);
var i:integer;
begin
for i:=1 to length(y) do
if y[i]=x then y[i]:=' ';

end;
begin
readln(a);
readln(b);
Erase(b,a);
writeln('Cuvantul nou este ',a);
end.
```

```
Program janaiana;
var s:string;
procedure Hashtag(var x:string);
var l:char;
begin
l:='#';
x:=Concat(l,x,l);
end;
begin
readln(s);
Hashtag(s);
writeln(s);
end.
```

```
Program Nasada;
var a,b:integer;
procedure divizor(var a:integer;b:integer);
begin
while a<>b do
if a>b then a:=a-b
else b:=b-a;

end;
begin
read(a);
read(b);
Divizor(a,b);
write(a);
end.
```

```
Program ecgr2radacini;

var a1,b1,c1,x1,x2:real;
procedure P(a,b,c :real;var x:real;var y:real);
var d:real;
begin
d:=b*b-4*a*c;
if d=0 then writeln('Ecuatiea nu are sens') else
begin
x:=(-b-sqrt(d))/(2*a);
y:=(-b+sqrt(d))/(2*a);
end;
writeln('x=', x, 'y=', y);
end;

begin
a1:=1;
b1:=-4;
c1:=3;
P(a1,b1,c1,x1,x2);
writeln('a=', a1,' ', 'b=', b1,' ', 'c=', c1,' ','x1=', x1,' ','x2=', x2,' ');
readln;
end.
```

```
Program a1;
type matrix=array[1..1007,1..100] of integer;
var a:matrix;
i,j,n,m,suma:integer;
media:real;
procedure Sumed(a1:matrix;n1,m1,i1,j1:integer;var s:integer;var med:real);
begin
s:=0;
for i1:=1 to n1 do
for j1:=1 to m1 do
s:=s+a1[i1,j1];
med:=s/(n1*m1);
end;
begin
readln(n,m);
for i:=1 to n do
for j:=1 to m do
readln(a[i,j]);
Sumed(a,n,m,i,j,suma,media);
writeln(suma,' ',media);
end.
```

```
Program Suma3proc;
type matrix=array[1..100,1..100] of integer;
var a:matrix;
i,j,n,m,suma:integer;
procedure Cit(var a1:matrix;var n,m:integer;i,j:integer);
begin
writeln('Dati valori n,m');
readln(n,m);
writeln('Dati valori tabelului');
for i:=1 to n do
for j:=1 to m do
readln(a[i,j]);
end;
```

```
procedure Afis(var a1:matrix;n,m:integer;i,j:integer);
begin
for i:=1 to n do
for j:=1 to m do
writeln('a[',i,j,']=',a[i,j]);
end;

procedure Sum(a1:matrix;n,m:integer;i,j:integer;var s:integer);
begin
for i:=1 to n do
for j:=1 to m do
s:=s+a1[i,j];
writeln('Suma elementelor din tabel e ',s);
end;
begin
Cit(a,n,m,i,j);
Afis(a,n,m,i,j);
Sum(a,n,m,i,j,suma);
end.
```