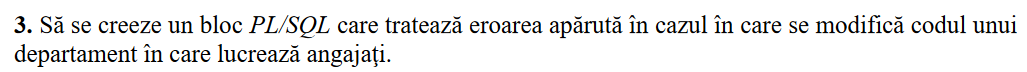
**Tema 8**

Nume: Pop Maria

Grupa: 232



create table dept\_pm as select \* from departments;

declare

v\_exception exception;

pragma exception\_init(v\_exception, -2200);

begin

update dept\_pm

set department\_id = 121

where department\_id = 120;

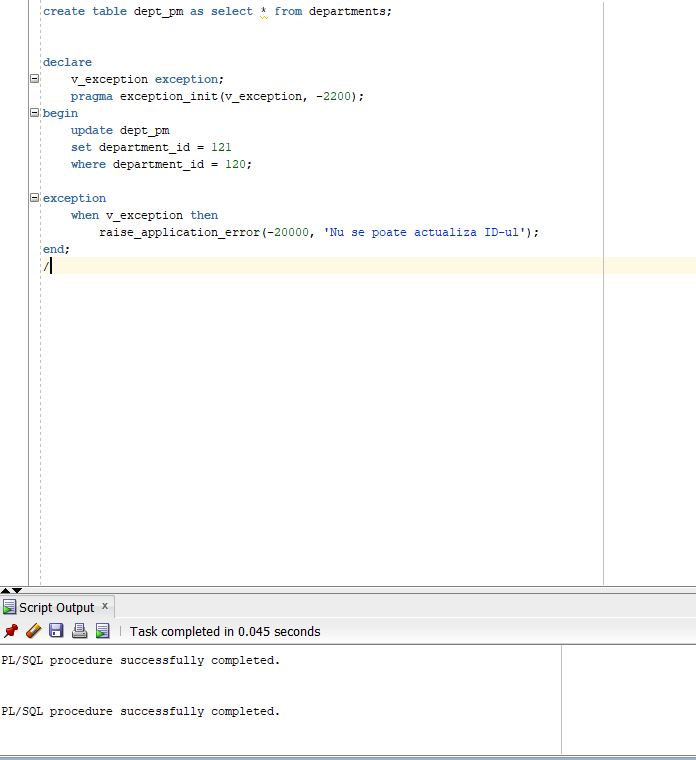
exception

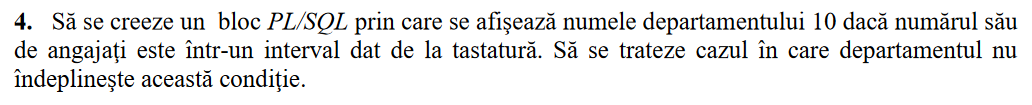
when v\_exception then

raise\_application\_error(-20000, 'Nu se poate actualiza ID-ul');

end;

/





accept capat\_stang prompt 'Capatul stang al intervalului = '

accept capat\_drept prompt 'Capatul drept al intervalului = '

declare

nume varchar2(100);

numar number;

nr1 number := &capat\_stang;

nr2 number := &capat\_drept;

begin

select d.department\_name, count(\*)

into nume, numar

from dept\_pm d, emp\_pm e

where d.department\_id = e.department\_id(+) and d.department\_id = 10

group by d.department\_name;

if numar >= nr1 and numar <= nr2 then

dbms\_output.put\_line('Nume departament: ' || nume);

else

raise\_application\_error(-20999, 'Departamentul nu indeplineste aceasta conditie!');

end if;

end;

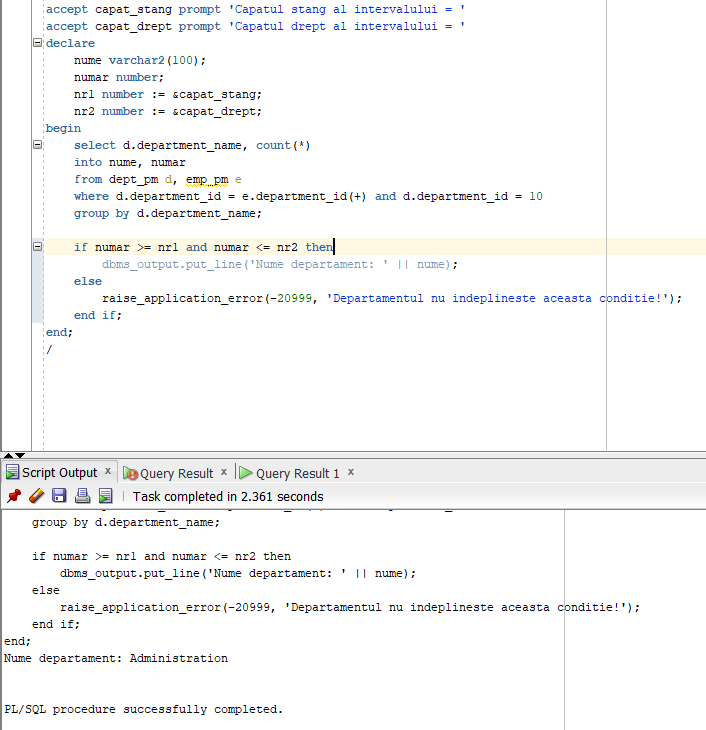
/

Pentru cazul in care functioneaza:

Input:

Capat stang = 0

Capat drept = 1

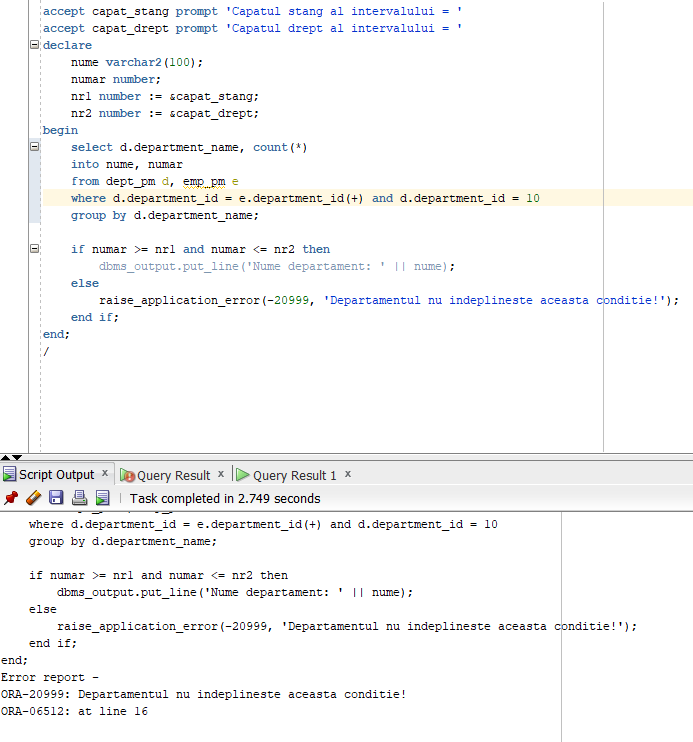


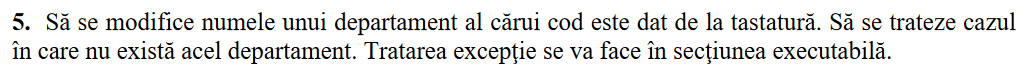
Pentru cazul in care nu functioneaza:

Input:

Capat stang = 3

Capat drept = 4





accept cod prompt 'Codul departamentului = '

declare

v\_cod number := &cod;

begin

update dept\_pm

set department\_name = 'Nume nou'

where department\_id = v\_cod;

if sql%notfound then

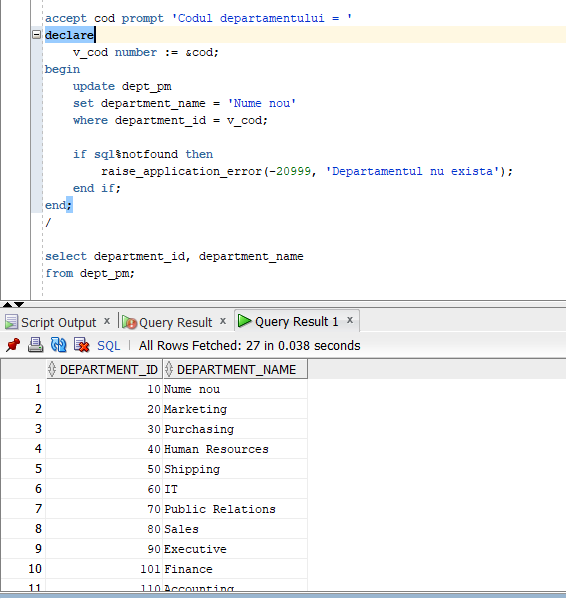
raise\_application\_error(-20999, 'Departamentul nu exista');

end if;

end;

/

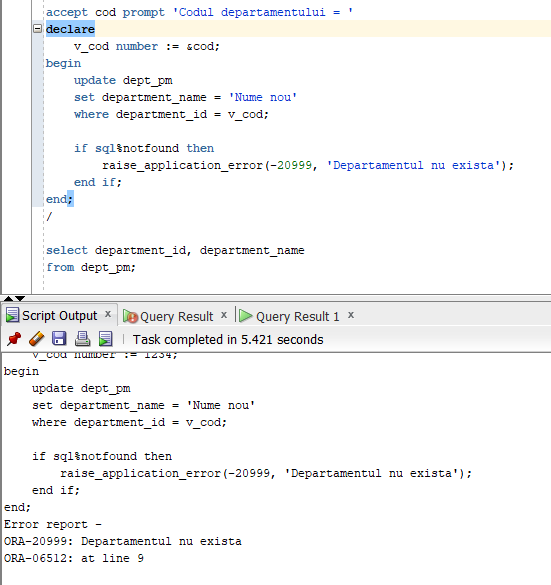
Pentru cazul in care departamentul este gasit:

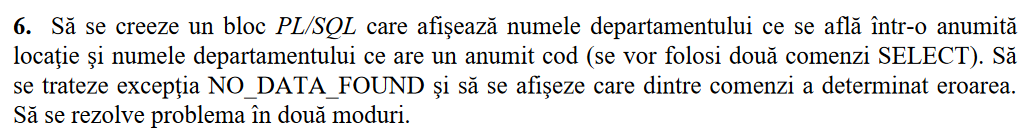




Pentru cazul in care departamentul nu este gasit:

Input = 1234





Varianta 1: - fiecare comanda are un numar de ordine

declare

v\_localizare number(1) := 1;

v\_nume1 dept\_pm.department\_name%type;

v\_nume2 dept\_pm.department\_name%type;

begin

v\_localizare := 1;

select department\_name

into v\_nume1

from dept\_pm

where location\_id = 2400;

dbms\_output.put\_line(v\_nume1);

v\_localizare := 2;

select department\_name

into v\_nume2

from dept\_pm

where department\_id = 10;

dbms\_output.put\_line(v\_nume2);

exception

when no\_data\_found then

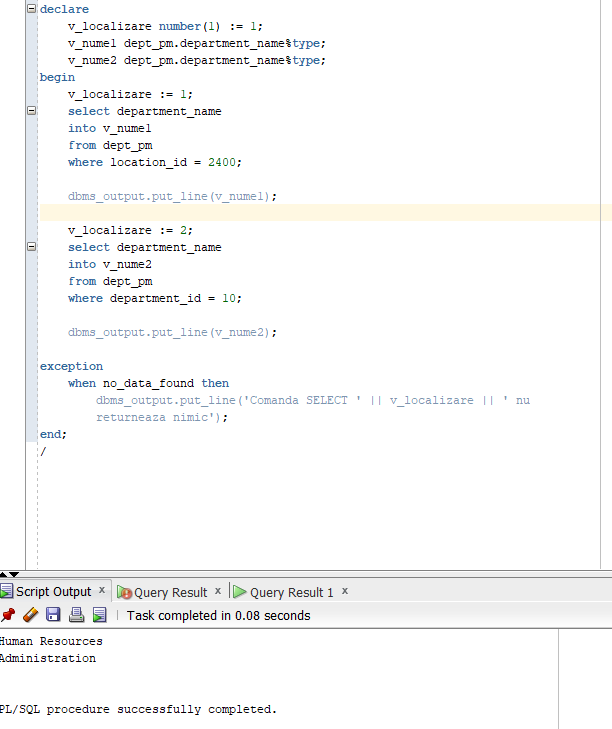
dbms\_output.put\_line('Comanda SELECT ' || v\_localizare || ' nu

returneaza nimic');

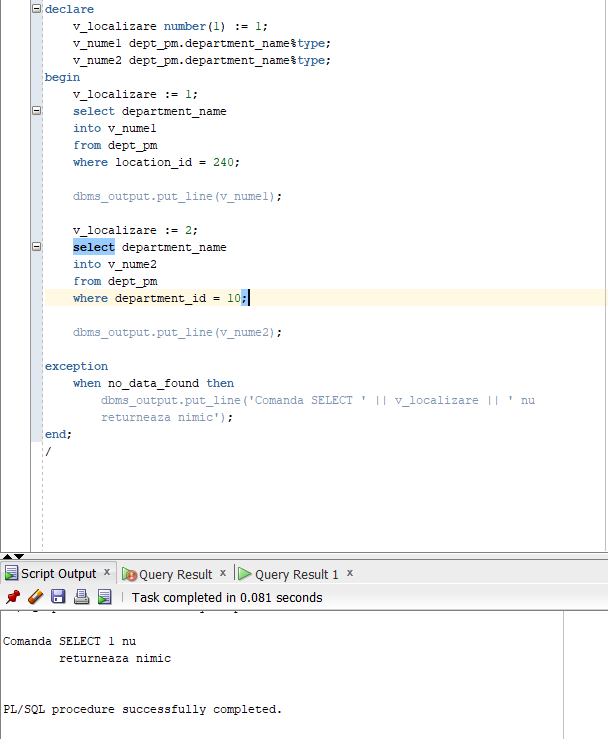
end;

/

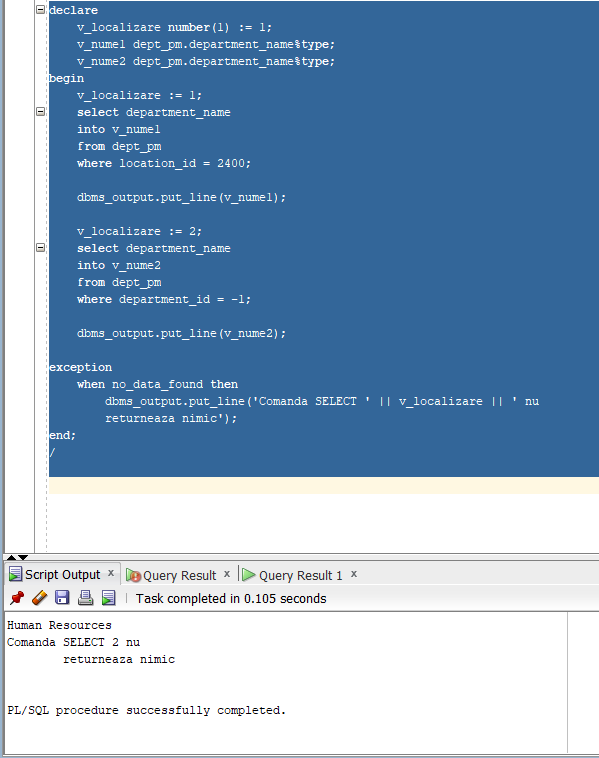
Pentru cazul in care nu intalnim erori:



Pentru cazul in care location\_id = 240:



Pentru cazul in care department\_id = -1:



Varianta 2: - fiecare comanda este inclusa intr-un subbloc

declare

v\_localizare number(1) := 1;

v\_nume1 dept\_pm.department\_name%type;

v\_nume2 dept\_pm.department\_name%type;

begin

begin

select department\_name

into v\_nume1

from dept\_pm

where location\_id = 2400;

dbms\_output.put\_line(v\_nume1);

exception

when no\_data\_found then

dbms\_output.put\_line('Comanda SELECT 1 nu returneaza nimic');

end;

begin

v\_localizare := 2;

select department\_name

into v\_nume2

from dept\_pm

where department\_id = 10;

dbms\_output.put\_line(v\_nume2);

exception

when no\_data\_found then

dbms\_output.put\_line('Comanda SELECT 2 nu returneaza nimic');

end;

end;

/