create sequence id\_angajat\_nou\_GTA

minvalue 500

maxvalue 5000

start with 500

increment by 100;

create or replace package pachet\_tema\_GTA is

procedure adauga\_angajat\_gta

(

s\_prenume emp\_GTA.first\_name%TYPE,

s\_nume emp\_GTA.last\_name%TYPE,

s\_email emp\_GTA.email%TYPE,

s\_nr\_tel emp\_GTA.phone\_number%TYPE

);

FUNCTION get\_sal (s\_id\_job jobs.job\_id%TYPE,

s\_id\_depart emp\_gta.department\_id%type)

return number;

FUNCTION get\_id\_departament (s\_nume\_dept dept\_GTA.department\_name%TYPE)

return number;

FUNCTION get\_id\_manager (s\_prenume\_mng emp\_GTA.first\_name%TYPE, s\_nume\_mng emp\_GTA.last\_name%TYPE)

return number;

end pachet\_tema\_gta;

CREATE OR REPLACE PACKAGE BODY pachet\_tema\_gta AS

PROCEDURE adauga\_angajat\_gta(

s\_prenume emp\_GTA.first\_name%TYPE,

s\_nume emp\_GTA.last\_name%TYPE,

s\_email emp\_GTA.email%TYPE,

s\_nr\_tel emp\_GTA.phone\_number%TYPE

) IS emp\_gta%TYPE;

declare

s\_data\_angajare:=sysdate,

s\_id\_manager\_functie:=get\_id\_manager(),

s\_id\_departament\_functie:=get\_id\_departament(),

s\_id\_job\_functie:=get\_id\_job(),

s\_sal\_functie:=get\_sal();

/

begin

insert into emp\_gta values (id\_ang\_nou\_GTA.nextval, s\_prenume, s\_nume, s\_email, s\_nr\_tel, s\_data\_angajare, 0, )

end adauga\_angajat\_gta;

/

FUNCTION get\_sal (s\_id\_job jobs.job\_id%TYPE,

s\_id\_depart emp\_gta.department\_id%type)

return number is sal number

/

begin

select MIN(salary)

into sal

from dept\_gta

where

(s\_id\_job=job\_id AND s\_id\_depart=department\_id)

RETURN NUMBER;

end get\_sal;

/

FUNCTION get\_id\_departament (s\_nume\_departament dept\_GTA.department\_name%TYPE)

return number is id\_dept\_caut number;

begin

select department\_id

into id\_dept\_caut

from dept\_GTA

where

s\_nume\_dept=department\_name;

RETURN id\_dept\_caut;

end get\_id\_departament;

FUNCTION get\_id\_manager

(s\_prenume\_mng emp\_GTA.first\_name%TYPE,

s\_nume\_mng emp\_GTA.last\_name%TYPE)

return number is id\_mng\_caut number;

begin

select employee\_id

into id\_mng\_caut

from emp\_GTA

where (first\_name=s\_prenume\_mng AND last\_name=s\_nume\_mng);

RETURN id\_mng\_caut;

end get\_id\_manager;

end pachet\_tema5\_gta;