TEST RESTANTA 2:

-- SGBD RESTANTA 2

set serveroutput on;

CREATE OR REPLACE PROCEDURE ex1\_restanta2(

rolActor VARCHAR

)

IS

counterRol NUMBER(2);

BEGIN

SELECT COUNT(\*) into counterRol FROM ACTOR a

JOIN JOACA j ON (a.id\_actor = j.cod\_actor)

WHERE j.rol = rolActor

AND (SYSDATE - a.data\_nastere) / 365 >= 35;

dbms\_output.put\_line(counterRol);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN RAISE\_APPLICATION\_ERROR(-20000, 'No data found');

END;

/

Execute ex1\_restanta2('Rol principal');

-- Ex 2

CREATE OR REPLACE PROCEDURE Ex2\_restanta2

(stag varchar)

AS

CURSOR s is SELECT denumire FROM Spectacol WHERE stagiune = stag;

BEGIN

OPEN s;

FOR stagiuneFor in s LOOP

FOR numeActor in (SELECT a.nume, a.prenume FROM Actor a

JOIN JOACA j ON (a.id\_actor = j.cod\_actor)

JOIN SPECTACOL sp ON (j.cod\_spectacol = sp.id\_spectacol)

WHERE sp.denumire = stagiuneFor.denumire) LOOP

DBMS\_OUTPUT.PUT\_LINE(numeActor.nume + ' ' + numeActor.prenume);

END LOOP;

END LOOP;

END;

/

EXECUTE EX2\_RESTANTA2('Stag1');

-- EX 3

CREATE OR REPLACE TRIGGER Ex3\_restanta2

BEFORE INSERT ON BILET\_VANDUT

FOR EACH ROW

DECLARE

locuriTotale NUMBER(2);

locuriOcupate NUMBER(2);

BEGIN

-- NUMARARE BILETE IN SALA LA UN SPECTACOL

SELECT s2.numar\_locuri INTO locuriTotale FROM SPECTACOL s1

JOIN SALA s2 ON (s1.cod\_sala = s2.id\_sala);

SELECT COUNT(bv.id\_bilet)INTO locuriOcupate FROM Spectacol s1

JOIN BILET\_VANDUT bv ON (s1.id\_spectacol = bv.cod\_spectacol);

IF (locuriOcupate + 1 >= locuriTotale) THEN

RAISE\_APPLICATION\_ERROR(-20000, 'Nu mai sunt locuri');

END IF;

END ex3\_restanta2;

/