TEST SGBD 333\_334 TXTSET SERVEROUTPUT ON;

CREATE OR REPLACE PROCEDURE ex2\_333\_334 (

an NUMBER

)

AS

totalImobileTranzactionate NUMBER(4);

BEGIN

for agentie in (SELECT id\_agentie, denumire FROM Agentie\_Imobiliara) LOOP

DBMS\_OUTPUT.PUT('Nume agentie: ' || agentie.denumire || ' ');

SELECT SUM(t.valoare\_comision \* t.pret) INTO totalImobileTranzactionate FROM TRANZACTIONEAZA t

WHERE t.cod\_agentie = agentie.id\_agentie AND TO\_CHAR(t.data\_tranzactiei, 'YYYY') = TO\_CHAR(an);

DBMS\_OUTPUT.PUT('Suma comisioane:' || TO\_CHAR(totalImobileTranzactionate) || ' ');

DBMS\_OUTPUT.PUT('Lista adrese imobile: ');

for tranzactii in (SELECT i.adresa FROM TRANZACTIONEAZA t

JOIN IMOBIL i ON (t.cod\_imobil = i.id\_imobil)

WHERE t.cod\_agentie = agentie.id\_agentie AND TO\_CHAR(t.data\_tranzactiei, 'YYYY') = TO\_CHAR(an) )

LOOP

DBMS\_OUTPUT.PUT(tranzactii.adresa || ' ,');

END LOOP;

DBMS\_OUTPUT.PUT\_LINE('');

END LOOP;

DBMS\_OUTPUT.PUT('Test');

END ex2\_333\_334;

/

EXECUTE ex2\_333\_334(2020);

-- EX 4

CREATE OR REPLACE TRIGGER Ex4\_333\_334

AFTER INSERT ON Tranzactioneaza

FOR EACH ROW

DECLARE

numarTranzactii NUMBER(4);

BEGIN

SELECT COUNT(cod\_proprietar) INTO numarTranzactii FROM TRANZACTIONEAZA t

JOIN IMOBIL i ON (t.cod\_imobil = :NEW.cod\_imobil AND t.cod\_imobil = i.id\_imobil)

JOIN Proprietar p ON (i.cod\_proprietar = p.id\_proprietar);

IF (numarTranzactii >= 3) THEN

UPDATE Tranzactioneaza SET valoare\_comision = 0.75 \* valoare\_comision

WHERE cod\_imobil = :NEW.cod\_imobil;

DBMS\_OUTPUT.PUT('Updated commission');

END IF;

END Ex4\_333\_334;

-- EX 5

CREATE OR REPLACE FUNCTION Ex5\_f333

(numeProprietar VARCHAR) RETURN NUMBER

IS

maxTranzactiiIncheiate NUMBER(4);

numarApartamenteTranzactionate NUMBER(2);

BEGIN

SELECT MAX(COUNT(cod\_agentie)) INTO maxTranzactiiIncheiate FROM TRANZACTIONEAZA group by cod\_agentie;

SELECT COUNT(\*) INTO numarApartamenteTranzactionate FROM Proprietar p

JOIN Imobil i ON (p.id\_proprietar = i.cod\_proprietar AND i.tip = 'apartament')

JOIN Tranzactioneaza t ON (i.id\_imobil = t.cod\_imobil)

WHERE p.nume = numeProprietar

AND t.cod\_agentie

IN (SELECT id\_agentie FROM AGENTIE\_IMOBILIARA a

JOIN Tranzactioneaza t ON(a.id\_agentie = t.cod\_agentie)

GROUP BY id\_agentie

HAVING COUNT(a.id\_agentie) <= maxTranzactiiIncheiate

);

return numarApartamenteTranzactionate;

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

RAISE\_APPLICATION\_ERROR(-20000, 'Nu s-a gasit persoana');

END;

/

SELECT Ex5\_f333(nume) FROM Proprietar;