// Cucos Marianita

--ex 1

--d - expresii cursor

DECLARE

TYPE refcursor IS REF CURSOR;

CURSOR c1 IS

SELECT JOB\_ID,

CURSOR( SELECT FIRST\_NAME firstname, LAST\_NAME lastname, SALARY salary

FROM employees e

WHERE e.JOB\_ID = j.JOB\_ID)

FROM JOBS j;

t\_job jobs.job\_id%TYPE;

v\_cursor refcursor;

t\_firstname employees.FIRST\_NAME%TYPE;

t\_lastname employees.LAST\_NAME%TYPE;

t\_salary employees.SALARY%TYPE;

ctr NUMBER := 0;

BEGIN

OPEN c1;

LOOP

FETCH c1 into t\_job, v\_cursor;

EXIT WHEN c1%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE('JOB: ' || t\_job || '. Angajati:');

ctr:=0;

LOOP

ctr := ctr +1;

FETCH v\_cursor into t\_firstname, t\_lastname, t\_salary;

EXIT WHEN v\_cursor%NOTFOUND;

IF ctr != 0

then DBMS\_OUTPUT.PUT\_LINE(' - ' || t\_firstname || ' ' || t\_lastname || 'cu salariul ' || t\_salary);

END IF;

END LOOP;

IF v\_cursor%ROWCOUNT = 0 THEN

DBMS\_OUTPUT.PUT\_LINE('Nu sunt angajati aici.');

end if;

END LOOP;

CLOSE C1;

END;

/

--Crivoi Carla

SET SERVEROUTPUT ON;

-- 1 PLSQL4

CREATE TABLE info\_carla(

ID NUMBER(10, 2) PRIMARY KEY,

utilizator VARCHAR2(50),

data DATE,

comanda VARCHAR2(100),

nr\_linii NUMBER,

eroare VARCHAR2(50));

/

-- idee inceput rezolvare 1+2

-- puteti interpreta “mai liber” ce informatii ar trebui puse in tabelul info si cand

create table info\_prof (

user\_name VARCHAR2(50),

cmd\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

cmd\_name VARCHAR2(100),

cmd\_nr\_linii NUMBER(4,0) DEFAULT 0,

cmd\_error VARCHAR2(250)

);

insert into info\_prof(user\_name) values ('test');

select \* from info\_prof;

drop table info\_prof;

DECLARE

v\_nume employees.last\_name%TYPE := Initcap('&p\_nume');

v\_nr\_linii NUMBER(4,0);

FUNCTION f1 RETURN NUMBER IS

salariu employees.salary%type;

BEGIN

SELECT salary INTO salariu

FROM employees

WHERE last\_name = v\_nume;

v\_nr\_linii := SQL%ROWCOUNT;

insert into info\_prof(user\_name, cmd\_name, cmd\_nr\_linii) values ('prof', 'select salariu func', v\_nr\_linii);

RETURN salariu;

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

DBMS\_OUTPUT.PUT\_LINE('Nu exista angajati cu numele dat');

insert into info\_prof(user\_name, cmd\_name, cmd\_error) values ('prof', 'select salariu func', 'nu exita angajati cu numele dat');

return 0;

WHEN TOO\_MANY\_ROWS THEN

DBMS\_OUTPUT.PUT\_LINE('Exista mai multi angajati '|| 'cu numele dat');

WHEN OTHERS THEN

DBMS\_OUTPUT.PUT\_LINE('Alta eroare!');

END f1;

BEGIN

DBMS\_OUTPUT.PUT\_LINE('Salariul este '|| f1);

END;

/

select user from dual;