2. Gheorghe Robert-Mihai

DECLARE

TYPE tabl\_type IS RECORD (

tab\_nume departments.department\_name%TYPE,

tab\_nr NUMBER);

TYPE tabl IS TABLE OF tabl\_type

INDEX BY PLS\_INTEGER;

t1 tabl;

CURSOR c IS

SELECT department\_name nume, COUNT(employee\_id) nr

FROM departments d, employees e

WHERE d.department\_id=e.department\_id(+)

GROUP BY department\_name;

BEGIN

OPEN c;

FETCH c BULK COLLECT INTO t1;

CLOSE c;

FOR i IN t1.FIRST..t1.LAST LOOP

IF t1(i).tab\_nr=0 THEN DBMS\_OUTPUT.PUT\_LINE('In departamentul '|| t1(i).tab\_nume||' nu lucreaza angajati');

ELSIF t1(i).tab\_nr=1 THEN DBMS\_OUTPUT.PUT\_LINE('In departamentul '||t1(i).tab\_nume||' lucreaza un angajat');

ELSE DBMS\_OUTPUT.PUT\_LINE('In departamentul '|| t1(i).tab\_nume||' lucreaza '||t1(i).tab\_nr||' angajati');

END IF;

END LOOP;

END;

1. Ghetoiu Laurentiu

DECLARE

CURSOR c IS

SELECT job\_title titlu, job\_id id

FROM jobs;

nr NUMBER(3);

BEGIN

FOR i in c LOOP

nr := 0;

DBMS\_OUTPUT.PUT\_LINE(i.titlu || ':');

FOR s IN (SELECT FIRST\_NAME ffs, last\_name ls

FROM employees

WHERE job\_id = i.id) LOOP

DBMS\_OUTPUT.PUT(s.ffs || s.ls || ', ');

nr := nr + 1;

END LOOP;

IF nr = 0 THEN

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

ELSE

DBMS\_OUTPUT.new\_line;

END IF;

END LOOP;

END;

1 Militaru Mihai-Alexandru

DECLARE

t\_job jobs.job\_id%TYPE;

t\_firstname emp\_mma.FIRST\_NAME%TYPE;

t\_lastname emp\_mma.LAST\_NAME%TYPE;

t\_salary emp\_mma.SALARY%TYPE;

ctr NUMBER := 0;

CURSOR c1 IS

SELECT JOB\_ID FROM JOBS;

CURSOR c2(id jobs.job\_id%TYPE) IS

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

FROM EMP\_MMA

WHERE job\_id = id;

BEGIN

OPEN c1;

LOOP

FETCH c1 into t\_job;

EXIT WHEN c1%NOTFOUND;

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

OPEN c2(t\_job);

ctr:=0;

LOOP

ctr := ctr +1;

FETCH c2 into t\_firstname, t\_lastname, t\_salary;

EXIT WHEN c2%NOTFOUND;

IF ctr = 0 THEN DBMS\_OUTPUT.PUT\_LINE('Nu sunt angajati aici.');

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

END IF;

END LOOP;

CLOSE C2;

END LOOP;

CLOSE C1;

END;