CREATE TABLE info\_sai(

utilizator VARCHAR2(100),

data DATE,

comanda VARCHAR2(100),

nr\_linii NUMBER(5),

eroare VARCHAR2(100));

/

CREATE OR REPLACE TYPE exc4\_return AS VARRAY(100) OF NUMBER(6,0);

/

CREATE OR REPLACE PROCEDURE

exc4 (man\_id IN employees.manager\_id%TYPE,

exc4\_res OUT exc4\_return) IS

exc4\_nr info\_sai.nr\_linii%TYPE ;

exc4\_eroare info\_sai.eroare%TYPE;

exc4\_utilizator info\_sai.utilizator%TYPE;

exc4\_comanda info\_sai.comanda%TYPE;

OK BOOLEAN:= FALSE;

BEGIN

SELECT user INTO exc4\_utilizator FROM dual;

IF man\_id IS NULL THEN

exc4\_nr:= 0;

exc4\_eroare:= 'Managerul nu exista';

exc4\_comanda:= 'Nicio comanda';

OK :=TRUE;

END IF;

SELECT employee\_id BULK COLLECT INTO exc4\_res

FROM employees

WHERE manager\_id = man\_id;

FOR i IN exc4\_res.FIRST..exc4\_res.LAST LOOP

UPDATE employees SET salary = salary + ( 10 \* salary ) / 100

WHERE employee\_id = exc4\_res(i);

END LOOP;

IF OK = FALSE THEN

exc4\_nr := exc4\_res.COUNT;

exc4\_eroare := 'Nicio eroare';

exc4\_comanda := 'Update';

END IF;

INSERT INTO info\_sai VALUES (

exc4\_utilizator,

sysdate,

exc4\_comanda,

exc4\_nr,

exc4\_eroare

);

END exc4;

/

DECLARE

res exc4\_return;

BEGIN

exc4(100,res);

FOR i IN res.FIRST..res.LAST LOOP

DBMS\_OUTPUT.PUT\_LINE(res(i));

END LOOP;

END;

/