**TEMA 4**

**Exercitiul 9:**

CREATE OR REPLACE TYPE subordonati\_type AS VARRAY(10) OF NUMBER(4);

CREATE TABLE manageri\_table (

cod\_mgr NUMBER(10),

nume VARCHAR2(20),

lista subordonati\_type

);

DECLARE

v\_sub subordonati\_type := subordonati\_type(100, 200, 300);

v\_lista manageri\_table.lista%TYPE;

BEGIN

INSERT INTO manageri\_table

VALUES (1, 'Mgr 1', v\_sub);

INSERT INTO manageri\_table

VALUES (2, 'Mgr 2', null);

INSERT INTO manageri\_table

VALUES (3, 'Mgr 3', subordonati\_type(400, 500));

SELECT lista

INTO v\_lista

FROM manageri\_table

WHERE cod\_mgr = 1;

FOR j IN v\_lista.FIRST..v\_lista.LAST LOOP

DBMS\_OUTPUT.PUT\_LINE(v\_lista(j));

END LOOP;

END;/

A screenshot of a computer

Description automatically generated

**Exercitiul 10:**

CREATE TABLE emp\_test\_\*\*\* AS

SELECT employee\_id, last\_name, CAST(NULL AS VARCHAR2(100 CHAR)) AS telefon

FROM employees

WHERE 1 = 0;

INSERT INTO emp\_test\_\*\*\*

(employee\_id, last\_name, telefon)

VALUES

(1, 'Doe', CAST(NULL AS VARCHAR2(100 CHAR));

UPDATE emp\_test\_\*\*\*

SET telefon = '123-456-7890'

WHERE employee\_id = 1;

SELECT \* FROM emp\_test\_\*\*\*;

DROP TABLE emp\_test\_\*\*\*;