E1:

DECLARE

TYPE emp\_id\_array IS VARRAY(20) OF NUMBER(6);

emp\_ids emp\_id\_array;

salary\_var NUMBER(8, 2) := 0;

BEGIN

SELECT employee\_id BULK COLLECT INTO emp\_ids

FROM (SELECT employee\_id

FROM employees

WHERE commission\_pct IS NULL

ORDER BY salary)

WHERE ROWNUM < 6;

FOR i IN 1..5 LOOP

SELECT salary INTO salary\_var

FROM employees

WHERE employee\_id = emp\_ids(i);

DBMS\_OUTPUT.PUT\_LINE(salary\_var || ' ');

END LOOP;

FOR i IN 1..5 LOOP

SELECT salary INTO salary\_var

FROM employees

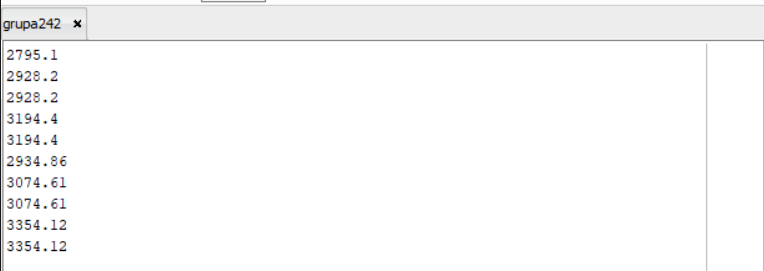
WHERE employee\_id = emp\_ids(i);

salary\_var := salary\_var + (5 / 100) \* salary\_var;

DBMS\_OUTPUT.PUT\_LINE(salary\_var || ' ');

END LOOP;

END;



E2:

CREATE OR REPLACE TYPE tip\_orase\_SAI AS VARRAY(20) OF VARCHAR2(50);

CREATE TABLE excursie\_SAI (

cod\_excursie NUMBER(4),

denumire VARCHAR2(20),

orase tip\_orase\_SAI,

status VARCHAR2(20)

);

INSERT INTO excursie\_SAI VALUES (1, 'Excursie 1', tip\_orase\_SAI('Oras1', 'Oras2', 'Oras3'), 'Disponibila');

INSERT INTO excursie\_SAI VALUES (2, 'Excursie 2', tip\_orase\_SAI('Oras2', 'Oras4', 'Oras5'), 'Disponibila');

INSERT INTO excursie\_SAI VALUES (3, 'Excursie 3', tip\_orase\_SAI('Oras1', 'Oras3', 'Oras5'), 'Disponibila');

INSERT INTO excursie\_SAI VALUES (4, 'Excursie 4', tip\_orase\_SAI('Oras3', 'Oras4'), 'Disponibila');

INSERT INTO excursie\_SAI VALUES (5, 'Excursie 5', tip\_orase\_SAI('Oras5', 'Oras1', 'Oras2'), 'Disponibila');