--Jiglau Fabrizzio

SET SERVEROUTPUT ON;

CREATE TABLE new\_emp AS

SELECT employee\_id, salary

FROM employees;

SELECT \* FROM new\_emp;

DECLARE

TYPE tablou\_ang IS TABLE OF employees.employee\_id%TYPE INDEX BY BINARY\_INTEGER;

TYPE salary\_table IS TABLE OF employees.salary%TYPE INDEX BY BINARY\_INTEGER;

t tablou\_ang;

old\_salaries salary\_table;

new\_salaries salary\_table;

BEGIN

-- put ids in t

SELECT employee\_id

BULK COLLECT INTO t

FROM employees

WHERE salary IN (

SELECT salary

FROM (

SELECT e.salary

FROM employees e

ORDER BY e.salary

)

WHERE ROWNUM <= 5

);

-- old

FOR i IN t.FIRST .. t.LAST LOOP

SELECT salary INTO old\_salaries(i) FROM new\_emp WHERE employee\_id = t(i);

END LOOP;

-- change the salary

FORALL i IN t.FIRST .. t.LAST

UPDATE new\_emp

SET salary = salary \* 1.05

WHERE employee\_id = t(i);

-- new

FOR i IN t.FIRST .. t.LAST LOOP

SELECT salary INTO new\_salaries(i) FROM new\_emp WHERE employee\_id = t(i);

END LOOP;

FOR i IN t.FIRST .. t.LAST LOOP

DBMS\_OUTPUT.PUT\_LINE('Employee ID: ' || t(i) ||

', Old Salary: ' || old\_salaries(i) ||

', New Salary: ' || new\_salaries(i));

END LOOP;

COMMIT;

END;

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