

University of Petroleum

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Energy Studies SCHOOL OF COMPUTER SCIENCE

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Course: BTech CSE

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BATCH: 1

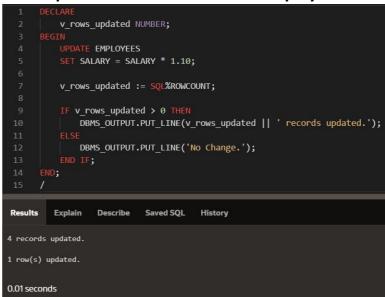
PRESENTED TO: Dr. Syed Sajid Hussain

Semester: 3

Experiment 15: To understand the concepts of implicit and explicit cursor.

<u>**Objective:**</u> Students will be able to implement the concept of implicit and explicit cursor.

1. Using implicit cursor update the salary by an increase of 10% for all the records in EMPLOYEES table, and finally display how many records have been updated. If no records exist display the message "No Change".



2. Using explicit cursor fetch the employee name, employee_id and salary of all the records from EMPLOYEES table.

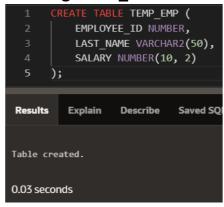
INPUT:

OUTPUT:



3. Using explicit cursor Insert the records from EMPLOYEES table for the columns employee_id, Last_Name and salary for those records whose salary exceeds 2500 into a new table TEMP_EMP.

Creating TEMP_EMP table:



INPUT:

```
DECLARE

CURSOR emp_cursor IS

SELECT EMPLOYEES_ID, LAST_NAME, SALARY
FROM EMPLOYEES.D, LAST_NAME, SALARY
FROM EMPLOYEES.DHPLOYEE_ID%TYPE;

V_employee_id EMPLOYEES.EMPLOYEE_ID%TYPE;

V_ast_name EMPLOYEES.LAST_NAME%TYPE;

V_salary EMPLOYEES.SALARY%TYPE;

BEGIN

OPEN emp_cursor;

LOOP

FETCH emp_cursor INTO v_employee_id, v_last_name, v_salary;

EXIT WHEN emp_cursor%NOTFOUND;

INSERT INTO TEMP_EMP (EMPLOYEE_ID, LAST_NAME, SALARY)
VALUES (v_employee_id, v_last_name, v_salary);

DBMS_OUTPUT.PUT_LINE('Inserted Record - Employee ID: ' || v_employee_id ||

', Last Name: ' || v_last_name ||

END LOOP;

CLOSE emp_cursor;

DBMS_OUTPUT.PUT_LINE('Records inserted into TEMP_EMP successfully.');

END;

//
```

OUTPUT:

