Worksheet -2.3

## NAME –Vivek SUBJECT – DBMS

**UID –212122 DATE OF PERFORMANCE**

## CLASS – SEMESTER - 3rd

**Question 1 :** Write a program in PL/SQL to showthe uses of SQL

### %FOUND to determine if a DELETE statement

affected any rows.

**Steps of experiment/practical/code:**

# DROP TABLE emp\_temp; CREATE TABLE

emp\_temp AS

# SELECT employee\_id, first\_name, last\_name FROM employees;

CREATE OR REPLACE PROCEDURE test\_proc (

z\_emp\_id NUMBER

) AUTHID DEFINER AS BEGIN

DELETE FROM emp\_temp WHERE employee\_id = z\_emp\_id;

IF SQL%FOUND THEN DBMS\_OUTPUT.PUT\_LINE (

'Delete succeeded for employee\_id: ' || z\_emp\_id

); ELSE

DBMS\_OUTPUT.PUT\_LINE ('No employee of ID '|| z\_emp\_id||'is found.'); END IF;

END;

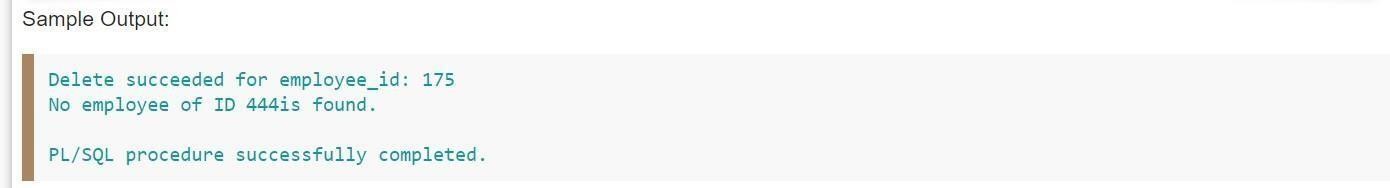
/ BEGIN

test\_proc(175); test\_proc(444); END;

/



**OUTPUT :**



**Question 2 :** Write a PL/SQL block to display the last name of manager, and their departments for a particular city, using parameters with a default value in explicit cursor.

### Steps of experiment/ practical/ code:

DECLARE

CURSOR emp\_cur (dep\_location NUMBER DEFAULT 1700) IS SELECT d.department\_name,

e.last\_name manager, l.city

FROM departments d, employees e, locations l WHERE l.location\_id = dep\_location

AND l.location\_id = d.location\_id

AND d.department\_id = e.department\_id ORDER BY d.department\_id;

PROCEDURE dep\_cur IS

depname departments.department\_name%TYPE; dep\_mgr employees.last\_name%TYPE; dep\_in\_city locations.city%TYPE;

BEGIN LOOP

FETCH emp\_cur INTO depname, dep\_mgr, dep\_in\_city;

DBMS\_OUTPUT.PUT\_LINE(rpad(depname,35) ||rpad(dep\_mgr,15)|| dep\_in\_city); END LOOP;

END dep\_cur;

BEGIN

DBMS\_OUTPUT.PUT\_LINE('DEPARTMENTS AT :'); DBMS\_OUTPUT.PUT\_LINE(' ');

DBMS\_OUTPUT.PUT\_LINE(rpad('Department',35)||rpad('Manager',15)||'City'); DBMS\_OUTPUT.PUT\_LINE(' ');

OPEN emp\_cur; dep\_cur;

CLOSE emp\_cur;

DBMS\_OUTPUT.PUT\_LINE(' ');

OPEN emp\_cur(1400); dep\_cur;

CLOSE emp\_cur; END;

/

## OUTPUT :

