

WORKSHEET 2.3

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Branch: CSE

Section/Group: 709A

Semester: 3rd

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Subject Name: DBMS Lab

Subject Code: 20CSP-215

Q1.

1) Aim/Overview of the practical:

To write a program in PL/SQL to show the uses of SQL%FOUND to determine if a DELETE statement affected any rows.

2) Software required:

Oracle Live SQL

3) Source Code (screenshot of the query executed):

```
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(1);
  test_proc(2);
END;
/
```

4. Final Result/Output (after removing the errors): (Screenshot of output without any error)

```
Table dropped.  
  
Table created.  
  
Procedure created.  
  
Statement processed.  
Delete succeeded for employee_id: 1  
Delete succeeded for employee_id: 2
```

Learning outcomes (What I have learnt):

1.

Q2.

1) Aim/Overview of the practical:

To write a block in PL/SQL to print the specific number of rows from a table.

2) Software required:

Oracle Live SQL

3) Source Code (screenshot of the query executed):

```
DECLARE
CURSOR emp_cur IS
SELECT first_name,last_name, salary FROM employees
WHERE ROWNUM < 8
ORDER BY first_name;

emp_fname employees.first_name%TYPE;
emp_lname employees.last_name%TYPE;
emp_sal employees.salary%TYPE;
BEGIN
OPEN emp_cur;
LOOP
FETCH emp_cur INTO emp_fname,emp_lname, emp_sal;
IF emp_cur%NOTFOUND THEN
EXIT;
ELSE
DBMS_OUTPUT.PUT_LINE
(rpad('Name: ' || emp_fname|| ' ' || emp_lname ,30)|| 'salary: ' || emp_sal);
END IF;
END LOOP;
END;
/
```

4. Final Result/Output (after removing the errors): (Screenshot of output without any error)

```
Statement processed.  
Name: raju singh          salary: 20000  
Name: rohan singh        salary: 30000
```

Learning outcomes (What I have learnt):

1.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			