WORKSHEET 2.2

Student Name: Rajiv Paul   **UID: 20BCS1812**

Branch: CSE   **Section/Group: 709A**

Semester: 3rd   **Date of Performance: 25/09/2021**

Subject Name:DBMS Lab   **Subject Code: 20CSP-215**

Q1.

1) **Aim/Overview of the practical:**

To write a program in PL/SQL to insert records into the table.

2**) Software required:**

   Oracle Live SQL

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

```
CREATE TABLE emp_temp2 (
  emp_id      NUMBER,
  emp_email   VARCHAR2(40)
);

DECLARE
  number_of_emp   NUMBER;
BEGIN

    INSERT INTO emp_temp2 (emp_id, emp_email)
    VALUES(1, 'hello@email.com');

END;
/
```

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

EMP_ID	EMP_EMAIL
1	hello@email.com

Download CSV

Learning outcomes (What I have learnt):

  1.

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Q2.

1) Aim/Overview of the practical:

To write a program in PL/SQL to check whether a number is prime or not using goto statement with for loop.

2) Software required:

Oracle Live SQL

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

```sql
DECLARE
  msg   VARCHAR2(30);
  n   PLS_INTEGER := 83;
BEGIN
  FOR i in 2..ROUND(SQRT(n)) LOOP
    IF n MOD i = 0 THEN
      msg := ' is not a prime number';
      GOTO when_prime;
    END IF;
  END LOOP;

  msg := ' is a prime number';

  <<when_prime>>
  DBMS_OUTPUT.PUT_LINE(TO_CHAR(n) || msg);
END;
/
```

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

```
Statement processed.
83 is a prime number
```

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.			