CODTECH   Internship

TASK 1

SQL   Join Implementation

NAME: S.Arun Ganesh
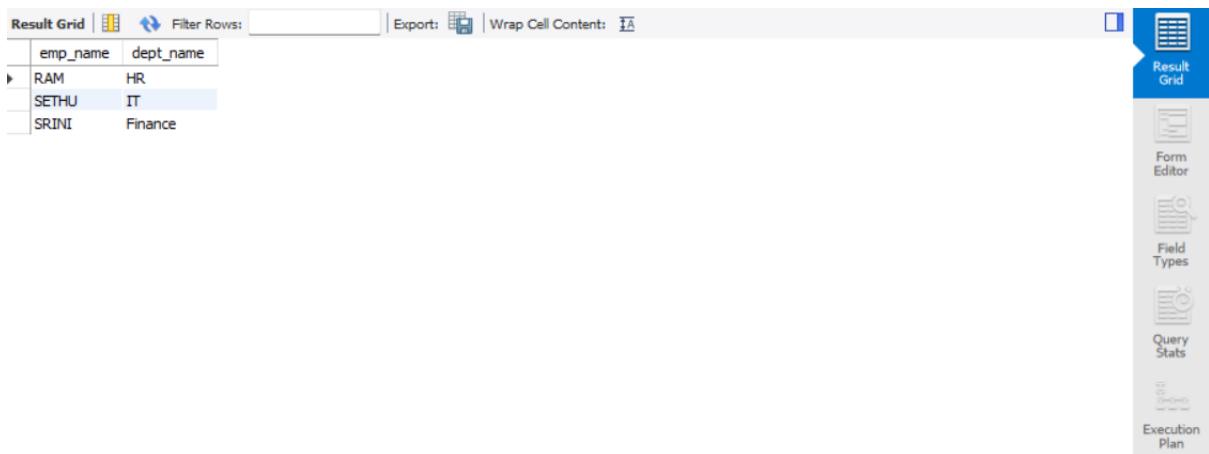
1. Inner Join:

Query:

```
1    SELECT emp_name, dept_name
2    FROM employees
3    INNER JOIN departments
4    ON employees.dept_id = departments.dept_id;
```
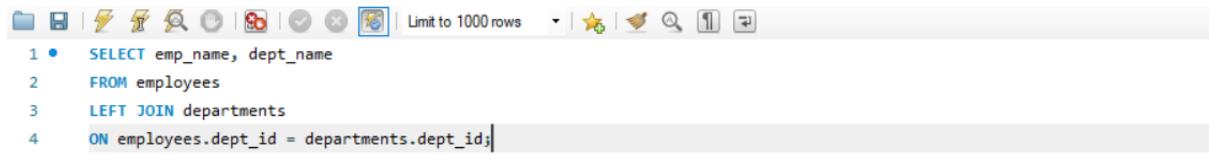
Output:

emp_name	dept_name
RAM	HR
SETHU	IT
SRINI	Finance

2.Left Join:

Query:

```sql
SELECT emp_name, dept_name
FROM employees
LEFT JOIN departments
ON employees.dept_id = departments.dept_id;
```

Output:

emp_name	dept_name
RAM	HR
SETHU	IT
SRINI	Finance
ZACH	NULL

3. Right Join:

Query:
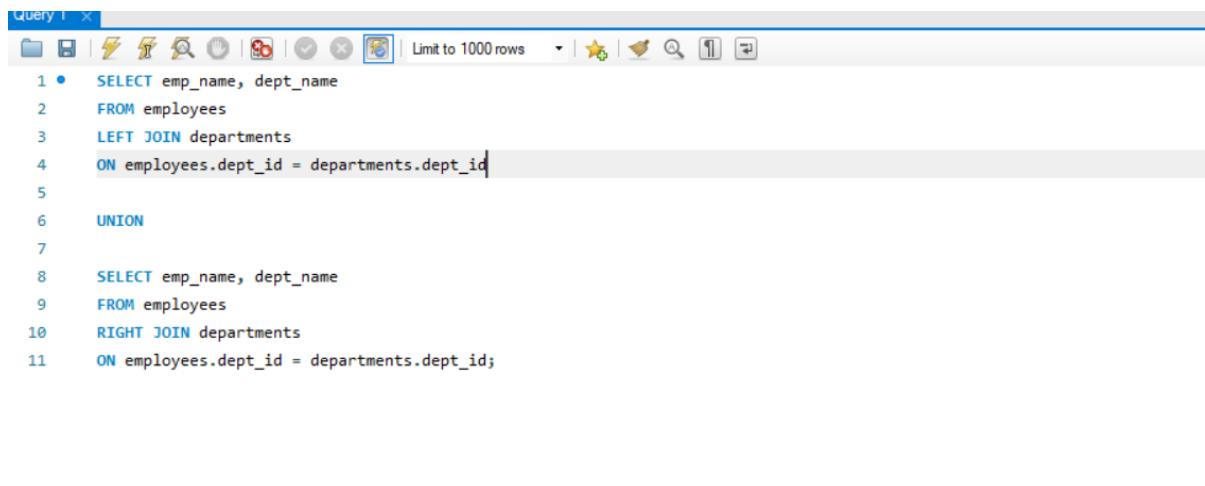
```
1  SELECT emp_name, dept_name
2  FROM employees
3  RIGHT JOIN departments
4  ON employees.dept_id = departments.dept_id;
```

Output:

emp_name	dept_name
RAM	HR
SETHU	IT
SRINI	Finance
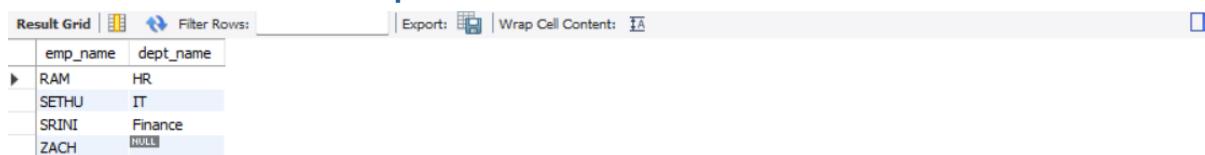
4. Full Join:

Query:

```
1  SELECT emp_name, dept_name
2  FROM employees
3  LEFT JOIN departments
4  ON employees.dept_id = departments.dept_id
5
6  UNION
7
8  SELECT emp_name, dept_name
9  FROM employees
10 RIGHT JOIN departments
11 ON employees.dept_id = departments.dept_id;
```

Output:

emp_name	dept_name
RAM	HR
SETHU	IT
SRINI	Finance
ZACH	NULL