

CODTECH Internship








TASK 1

SQL Join Implementation

NAME: S.Arun Ganesh




1. Inner Join:

Query:

 Limit to 1000 rows      

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

Output:

Result Grid  Filter Rows: Export:  Wrap Cell Content: 

	emp_name	dept_name
▶	RAM	HR
	SETHU	IT
	SRINI	Finance

Result Grid

Form Editor

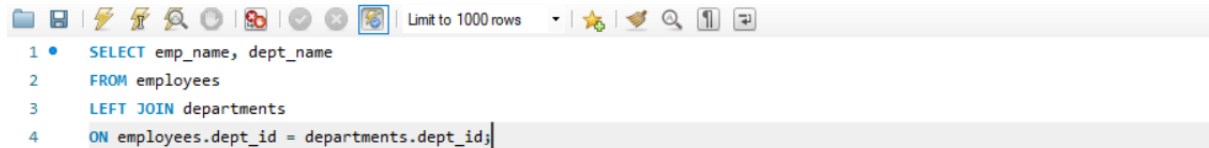
Field Types

Query Stats

Execution Plan

2.Left Join:

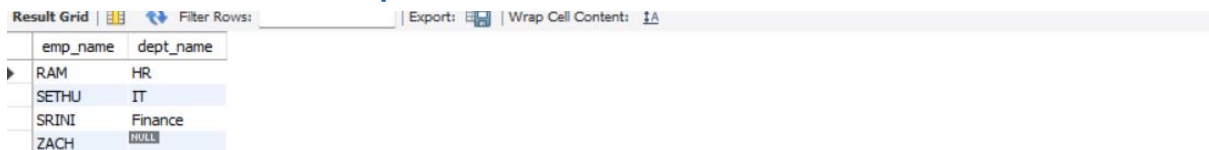
Query:



The screenshot shows a SQL query editor with a toolbar at the top containing icons for file operations, execution, and settings. The query text is as follows:

```
1 • SELECT emp_name, dept_name
2 FROM employees
3 LEFT JOIN departments
4 ON employees.dept_id = departments.dept_id;
```

Output:

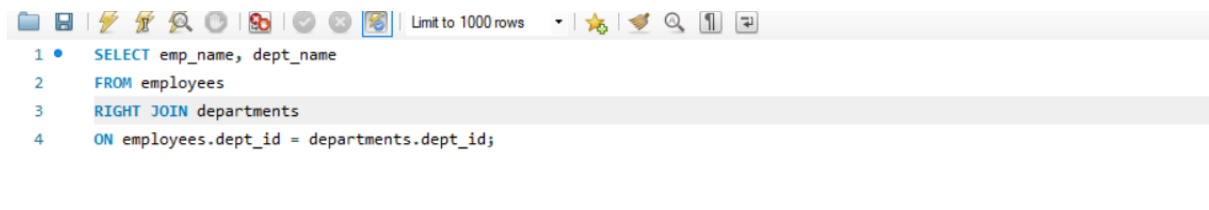


The screenshot shows a result grid with the following data:

emp_name	dept_name
RAM	HR
SETHU	IT
SRINI	Finance
ZACH	HR

3. Right Join:

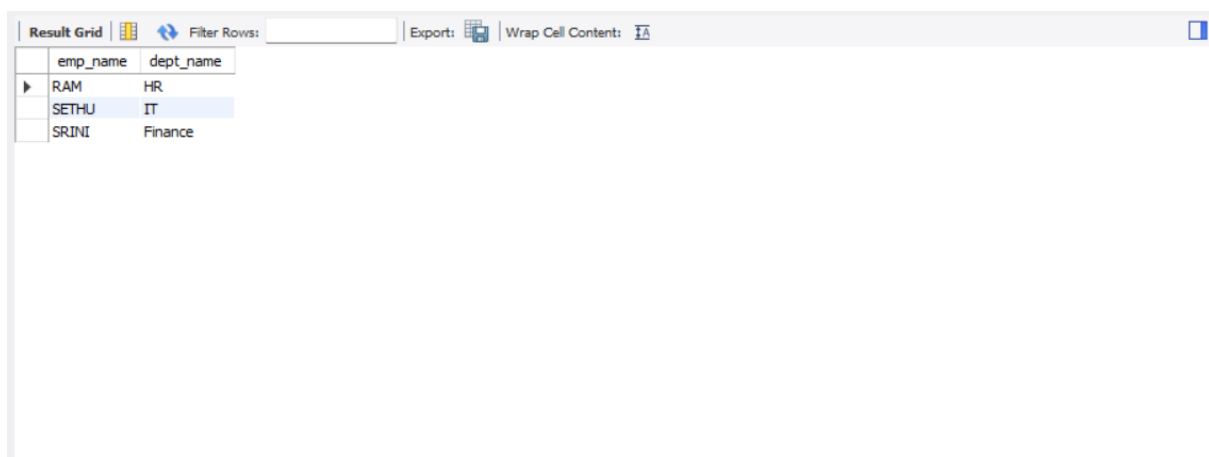
Query:



The screenshot shows a SQL query editor with a toolbar at the top containing icons for file operations, execution, and search. The query text is as follows:

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

Output:



The screenshot shows a SQL query result grid with a toolbar at the top containing icons for result grid, filter rows, export, and wrap cell content. The result grid displays the following data:

emp_name	dept_name
RAM	HR
SETHU	IT
SRINI	Finance

4. Full Join:

Query:

```
Query 1
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