```
23      (2, 'Kirthikha', 'Raju', 2),
24      (3, 'priya', 'Dharshni', 3),
25      (4, 'Elu', 'Malai', 4),
26      (5, 'Malar', 'Jagan', NULL); -- Employee with no department
27      -- LEFT JOIN Query
28  •   SELECT
29          E.employee_id,
30          E.first_name,
31          E.last_name,
32          D.department_name
33      FROM
34          Employees E
35      LEFT JOIN
36          Department D ON E.department_id = D.department_id;
37          -- RIGHT JOIN Query
38  •   SELECT
39          E.employee_id,
40          E.first_name,
41          E.last_name,
42          D.department_name
43      FROM
44          Employees E
45      RIGHT JOIN
46          Department D ON E.department_id = D.department_id;
47
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

employee_id	first_name	last_name	department_name
1	Kar	Thiga	Human Resources
2	Kirthikha	Raju	Finance
3	priya	Dharshni	Engineering
4	Elu	Malai	Sales

Result 3 | Result 4 ×   Read Only

Output

Action Output

#	Time	Action	Message
✓	5 14:57:42	INSERT INTO Department (department_id, department_name) VALUES (1, 'Human Resources'), (2, 'Finance'), (3, 'Engineering'), (4, 'Sales')	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0
✓	6 14:57:42	INSERT INTO Employees (employee_id, first_name, last_name, department_id) VALUES (1, 'Kar', 'Thiga', 1), (2, 'Kirthikha', 'Raju', 2), (3, 'priya', 'Dhars...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0
✓	7 14:57:43	SELECT E.employee_id, E.first_name, E.last_name, D.department_name FROM Employees E LEFT JOIN Department D ON E.depart...	5 row(s) returned
✓	8 14:57:43	SELECT E.employee_id, E.first_name, E.last_name, D.department_name FROM Employees E RIGHT JOIN Department D ON E.depar...	4 row(s) returned

```sql
1  ● ⊖ CREATE TABLE Customer (
2        customer_id INT AUTO_INCREMENT PRIMARY KEY,
3        first_name VARCHAR(50),
4        last_name VARCHAR(50)
5      );
6  ● ⊖ CREATE TABLE Orders (
7        order_id INT AUTO_INCREMENT PRIMARY KEY,
8        order_date DATE,
9        total_amount DECIMAL(10, 2),
10       customer_id INT,
11       FOREIGN KEY (customer_id) REFERENCES Customer(customer_id)
12     );
13 ●  INSERT INTO Customer (first_name, last_name)
14    VALUES ('Manor', 'Mani'),
15          ('Sakthi', 'Priya'),
16          ('Kirthikha', 'Raju');
17 ●  INSERT INTO Orders (order_date, total_amount, customer_id)
18    VALUES ('2025-02-10', 200.50, 1),
19          ('2025-02-11', 150.75, 2),
20          ('2025-02-12', 300.00, 3);
21 ●  SELECT Customer.customer_id, Customer.first_name, Customer.last_name, Orders.order_id, Orders.order_date, Orders.total_amount
22    FROM Customer
23    INNER JOIN Orders
24    ON Customer.customer_id = Orders.customer_id;
25    -- LEFT JOIN + RIGHT JOIN to simulate FULL OUTER JOIN
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

customer_id	first_name	last_name	order_id	order_date	total_amount
1	Manor	Mani	1	2025-02-10	200.50
2	Sakthi	Priya	2	2025-02-11	150.75
3	Kirthikha	Raju	3	2025-02-12	300.00

Result 8 | Result 9 ✕ | ❶ Read Only

Output

Action Output

#	Time	Action	Message
✓	5 14:57:42	INSERT INTO Department (department_id, department_name) VALUES (1, 'Human Resources'), (2, 'Finance'), (3, 'Engineering'), (4, 'Sales')	4 row(s) affected Records: 4 Duplicates: 0 Warning
✓	6 14:57:42	INSERT INTO Employees (employee_id, first_name, last_name, department_id) VALUES (1, 'Kar', 'Thiga', 1), (2, 'Kirthikha', 'Raju', 2), (3, 'priya', 'Dhars...	5 row(s) affected Records: 5 Duplicates: 0 Warning
✓	7 14:57:43	SELECT E.employee_id, E.first_name, E.last_name, D.department_name FROM Employees E LEFT JOIN Department D ON E.depart...	5 row(s) returned
✓	8 14:57:43	SELECT E.employee_id, E.first_name, E.last_name, D.department_name FROM Employees E RIGHT JOIN Department D ON E.depar...	4 row(s) returned