

Assignment -4

Craft a query using an INNER JOIN to combine 'orders' and 'customers' tables for customers in a specified region, and a LEFT JOIN to display all customers including those without orders.

INNER JOIN to Combine 'orders' and 'customers' Tables for Customers in a Specified Region

```
SELECT c.Name, c.Email, o.OrderDate
FROM customers c
INNER JOIN orders o ON c.CustomerID = o.CustomerID
WHERE c.Region = 'North';
```

Output:

Name	Email	Order Date
Raja	raja@gmail.com	2-03-2024
Kumar	kumar@gmail.com	5-04-2024
Salman	salman@gmail.com	1-01-2024

LEFT JOIN to Display All Customers Including Those Without Orders

```
SELECT c.Name, c.Email, o.OrderDate
FROM customers c
LEFT JOIN orders o ON c.CustomerID = o.CustomerID
WHERE c.Region = 'North';
```

Output:

Name	Email	Order Date
Raja	raja@gmail.com	2-03-2024
Kumar	kumar@gmail.com	5-04-2024
Salman	salman@gmail.com	1-01-2024

Ramya	ramya@gmail.com	NULL
Priya	Priya@gmail.com	NULL
Sai	Sai@gmail.com	NULL