

Assignment 2: 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.

JOIN query:

```
mysql> SELECT o.order_id, o.customer_id, c.customer_name, c.city
-> FROM orders o
-> INNER JOIN customers c ON o.customer_id = c.customer_id
-> WHERE c.region = 'south';
+-----+-----+-----+-----+
| order_id | customer_id | customer_name | city |
+-----+-----+-----+-----+
| 101 | 1 | Arun Kumar | Chennai |
| 102 | 2 | Akash Patel | Bangalore |
| 103 | 3 | Charles Johnson | Hyderabad |
| 105 | 5 | Riyas Khan | Mysore |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
mysql>
mysql> SELECT c.customer_id, c.customer_name, c.city, o.order_id
-> FROM customers c
-> LEFT JOIN orders o ON c.customer_id = o.customer_id;
+-----+-----+-----+-----+
| customer_id | customer_name | city | order_id |
+-----+-----+-----+-----+
| 1 | Arun Kumar | Chennai | 101 |
| 2 | Akash Patel | Bangalore | 102 |
| 3 | Charles Johnson | Hyderabad | 103 |
| 4 | Dharun Sharma | Bihar | 104 |
| 5 | Riyas Khan | Mysore | 105 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```