

**Assignment – 9 Querying Multiple
Tables at Once.**

- 1) Write a query that lists each order number followed by the name of the customer who made the order.

Ans:

```
SELECT o.order_number, c.CName
FROM Orders o
JOIN customers c ON o.customer_id = c.Cnum;
```

- 2) Write a query that gives the names of both the salesperson and the customer for each order along with the order number.

Ans:

```
SELECT o.order_number, c.CName, s.salesperson_name
FROM Orders o
JOIN customers c ON o.customer_id = c.Cnum
JOIN Salespeople s ON o.salesperson_id = s.salesperson_id;
```

- 3) Write a query that produces all customers serviced by salespeople with a commission above 12%. Output the customer's name, the salesperson's name, and the salesperson's rate of commission.

Ans:

```
SELECT c.CName, s.salesperson_name, s.commission
FROM Orders o
JOIN customers c ON o.customer_id = c.Cnum
JOIN Salespeople s ON o.salesperson_id = s.salesperson_id
WHERE s.commission > 12;
```

- 4) Write a query that calculates the amount of the salesperson's commission on each order by a customer with a rating above 100.

Ans:

```
SELECT o.order_number, c.CName, s.salesperson_name,  
       (o.order_value * s.commission / 100) AS commission_amount  
FROM Orders o  
JOIN customers c ON o.customer_id = c.Cnum  
JOIN Salespeople s ON o.salesperson_id = s.salesperson_id  
WHERE c.Rating > 100;
```