

## ❖ Assignment – 9:

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

⇒ `select O.Onum,C.Cname from Orders O JOIN customers C ON O.Cnum = 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.

⇒ `select S.Sname,C.Cname,O.Onum FROM orders O JOIN customers C ON O.Cnum = C.Cnum JOIN salespeople S ON O.Snum = S.Snum;`

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.

⇒ `select C.Cname,S.Sname,S.Comm from salespeople S JOIN customers C On C.Snum = S.Snum where S.Comm > 0.12;`

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

⇒ `SELECT o.onum, c.cname, s.sname, o.amt, (o.onum * s.comm / 100) AS comm FROM orders o JOIN customers c ON o.cnum = c.cnum JOIN salespeople s ON o.snum = s.snum WHERE c.rating > 100;`