

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 onum, cname FROM orders o, customers c WHERE c.cnum=o.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 sname, cname, onum FROM orders o, customers c, salespeople s WHERE o.snum=c.snum AND 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.

Ans -----> `SELECT cname, snum, comm*100 "RATE OF COMM." FROM customers JOIN salespeople USING (snum) WHERE comm>.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 amt, comm FROM salespeople JOIN customers using(snum) JOIN orders using(snum) WHERE rating>100;`