<u>Assignment – 9</u>
<u>Querying Multiple Tables at Once.</u>

1) Write a query that lists each order number followed by the name of the customer who made the order.
➔ SELECT ONUM, CNAME FROM ORDERS, CUSTOMERS
WHERE ORDERS.SNUM = CUSTOMERS.SNUM;

2) Write a query that gives the names of both the salesperson and the customer for each order along with the order number.
➔ SELECT CUSTOMERS.CNAME, SALESPEOPLE.SNAME, ORDERS.ONUM
FROM CUSTOMERS, SALESPEOPLE, ORDERS
WHERE CUSTOMERS.SNUM = SALESPEOPLE.SNUM AND
CUSTOMERS.SNUM = ORDERS.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 CUSTOMERS.CNAME, SALESPEOPLE.SNAME,
CUSTOMERS.RATING,
ORDERS.AMT * .12 AS COMM
FROM
CUSTOMERS, SALESPEOPLE, ORDERS
WHERE
CUSTOMERS.SNUM = SALESPEOPLE.SNUM AND
CUSTOMERS.SNUM = ORDERS.SNUM AND
SALESPEOPLE.SNUM = ORDERS.SNUM;

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 ORDERS.AMT, ORDERS.AMT * .12 AS COMM,
SALESPEOPLE.SNAME, CUSTOMERS.CNAME,
CUSTOMERS.RATING WHERE
CUSTOMERS.CNUM = ORDERS.CNUM AND
SALESPEOPLE.SNUM = ORDERS.SNUM AND
CUSTOMERS.RATING > 100;