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******* 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.

Query:-

mysql> select orders.onum,customers.cname from orders,customers where orders.cnum=customers.cnum;

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

Query:-

select o.onum, s.sname, c.cname from orders o, customers c, salespeople s where o.cnum=c.cnum 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.

Query:-

mysql> select c.cname,s.sname,s.comm from customers c,salespeople s where comm > 0.12 and c.snum= s.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.

Query:-

mysql> select s.sname,c.cname,o.amt * s.comm as "comm" from orders o,customers c,salespeople s where C.Rating > 100 and o.cnum=C.cnum and o.snum=s.snum;