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.
Solution –
select onum,cname from orders,customers
where orders.cnum=customers.cnum;

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2) Write a query that gives the names of both the salesperson and the customer for each order along with the order number.
Solution –
select sname,cname,onum from salespeople,customers,orders
where orders.snum=salespeople.snum and orders.snum=customers.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.
Solution –
select cname,sname,comm from customers,salespeople
where customers.snum=salespeople.snum
having comm>0.12;
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4) Write a query that calculates the amount of the salesperson's commission on each order by a customer with a rating above 100.
Solution –
select comm,cname,rating from salespeople,customers
where salespeople.snum=customers.snum
having rating>100;

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