

Assignment.9

Multiple Tables at Once.

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

Ans:

```
select onum,cname  
  -> from orders,customers  
  -> where customers.cnum = orders.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 onum,cname,sname  
  ->   from salespeople,customers,orders  
  ->   where customers.cnum = orders.cnum  
  ->   and salespeople.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,SALESPEOPLE.Comm  
  ->   FROM CUSTOMERS  
  ->   JOIN SALESPEOPLE ON CUSTOMERS.Snum=SALESPEOPLE.Snum  
  ->   WHERE SALESPEOPLE.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

Ans:

```
SELECT ORDERS.Onum,  
SALESPEOPLE.Sname,CUSTOMERS.Cname,ORDERS.Amt*  
-> SALESPEOPLE.Comm AS Commission  
-> FROM ORDERS  
-> JOIN CUSTOMERS ON ORDERS.Cnum = CUSTOMERS.Cnum  
-> JOIN SALESPEOPLE ON ORDERS.Snum = SALESPEOPLE.Snum  
-> WHERE CUSTOMERS.Rating>100;
```