**Assignment – 9**  
Querying Multiple Tables at Once.

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

**Answer –**

**SELECT onum,**

**cname**

**FROM orders o,**

**customers c**

**WHERE c.cnum=o.cnum ;**

ONUM    CNAME  
  
3001    cisneros  
3003    hoffman  
3002    pereira  
3006    cisneros  
3009    giovanni  
3007    grass  
3008    clemens  
3010    grass  
3011    clemens  
  
9 rows selected.  
  
  
**2)** Write a query that gives the names of both the salesperson and the customer for  
each order along with the order number.

**Answer –**

**SELECT sname,cname,onum**

**FROM orders o,customers c,salespeople s**

**WHERE o.snum=c.snum**

**AND o.snum=s.snum;**

SNAME    CNAME    ONUM  
  
peel    hoffman    3011  
peel    hoffman    3008  
peel    hoffman    3003  
axelrod    giovanni    3009  
serres    grass    3010  
serres    grass    3007  
serres    grass    3005  
peel    clemens    3011  
peel    clemens    3008  
peel    clemens    3003  
rifkin    cisneros    3006  
  
SNAME    CNAME    ONUM  
  
rifkin    cisneros    3001  
Motika    pereira    3002  
  
13 rows selected.  
  
  
**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.  
  
OLD STYLE:

**Answer -**

**SELECT cname,s.snum,**

**comm\*100 "RATE OF COMM."**

**FROM customers c,salespeople s**

**WHERE c.snum=s.snum**

**AND comm>.12 ;**

CNAME    SNUM    RATE OF COMM.  
  
grass    1002    13  
cisneros    1007    15  
liu    1002    13  
  
NEW STYLE:

**SELECT cname,snum,comm\*100 "RATE OF COMM."FROM customers**

**JOIN salespeople USING (snum)**

**WHERE comm>.12;**

CNAME    SNUM    RATE OF COMM.  
  
grass    1002    13  
cisneros    1007    15  
liu    1002    13  
  
  
**4)** Write a query that calculates the amount of the salesperson’s commission on each  
order by a customer with a rating above 100.

**Answer -**

**SELECT amt,comm**

**FROM salespeople**

**JOIN customers using(snum)**

**JOIN orders using(snum)**

**WHERE rating>100;**

AMT    COMM  
  
18.69    .15  
5160.45    .13  
5160.45 .13  
1098.16 .15  
1713.23 .1  
75.75    .13  
75.75    .13  
1309.95    .13  
1309.95    .13  
  
9 rows selected.