**Assignment –8**

Formatting Query output

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**1)** Assume each salesperson has a 12% commission. Write a query on the orders  
table that will produce the order number, the salesperson number, and the amount  
of the salesperson’s commission for that order.

**Answer -**

**SELECT onum,**

**snum,**

**amt,**

**(amt\*12)/100 commision**

**FROM orders;**

ONUM  SNUM  AMT  COMMISION  
  
3001  1007  18.69  2.2428  
3003  1001 767.19  92.0628  
3002  1004  1900.1  228.012  
3005  1002  5160.45  619.254  
3006  1007  1098.16  131.7792  
3009  1003  1713.23  205.5876  
3007  1002  75.75  9.09  
3008  1001  4723   566.76  
3010  1002    1309.95    157.194  
3011    1001    9891.88    1187.0256  
  
10 rows selected.

**2)** Write a query on the Customers table that will find the highest rating in each city.  
Put the output in this form:

**Answer -**  
For the city (city), the highest rating is : (rating).

**SELECT onum**

**Snum,amt,(amt\*12)/100 commision**

**FROM orders;**

ONUM    SNUM    AMT    COMMISION  
  
3001    1007    18.69    2.2428  
3003    1001    767.19    92.0628  
3002    1004    1900.1    228.012  
3005    1002    5160.45    619.254  
3006    1007    1098.16    131.7792  
3009    1003    1713.23    205.5876  
3007    1002    75.75    9.09      
3008    1001    4723    566.76  
3010    1002    1309.95    157.194  
3011    1001    9891.88    1187.0256  
  
10 rows selected.  
  
  
**3)** Write a query that lists customers in descending order of rating. Output the rating  
field first, followed by the customer’s name and number.  
**Answer -**

**SELECT rating,**

**cname,**

**snum**

**FROM customers**

**ORDER BY rating DESC;**

RATING    CNAME    SNUM  
  
300    grass    1002  
300    cisneros    1007  
200    giovanni    1003  
100    pereira    1004  
100    clemens    1001  
100    hoffman    1001  
  
  
**4)** Write a query that totals the orders for each day and places the results in  
descending order.

**Answer -**

**SELECT count(odate) "TOTAL ORDERS",odate FROM orders**

**GROUP BY odate**

**ORDER BY "TOTAL ORDERS";**

TOTAL   ORDERS ODATE  
  
1    05-OCT-90  
2    06-OCT-90  
2 04-OCT-90  
5 03-OCT-90