# *Assignment –8*

**Formatting Query output.**

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.

**Select Onum, Snum, Amt*.12 as "Commission" from orders;**

```
W1_89793_Saurabh>Select Onum, Snum, Amt*.12 as "Commission" from orders;
+------+------+------------+
| Onum | Snum | Commission |
+------+------+------------+
| 3001 | 1007 |       2.24 |
| 3003 | 1001 |      92.06 |
| 3002 | 1004 |     228.01 |
| 3005 | 1002 |     619.25 |
| 3006 | 1007 |     131.78 |
| 3009 | 1003 |     205.59 |
| 3007 | 1002 |       9.09 |
| 3008 | 1001 |     566.76 |
| 3010 | 1002 |     157.19 |
| 3011 | 1001 |    1187.03 |
+------+------+------------+
10 rows in set (0.00 sec)
```

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

**select distinct city as "For the city (city)", max(rating)as "The highest rating is:m (rating)" from customers group by city;**

```
W1_89793_Saurabh>select distinct city as "For the city (city)",
 max(rating)as "The highest rating is:m (rating)" from customer
s group by city;
+---------------------+-----------------------------------+
| For the city (city) | The highest rating is:m (rating)  |
+---------------------+-----------------------------------+
| London              |                               100 |
| Rome                |                               200 |
| San Jose            |                               300 |
| Berlin              |                               300 |
+---------------------+-----------------------------------+
4 rows in set (0.00 sec)
```

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.

**select rating, cnum,cname from customers order by rating desc;**

```
W1_89793_Saurabh>select rating, cnum,cname from customers order by rating desc;
+--------+------+----------+
| rating | cnum | cname    |
+--------+------+----------+
|    300 | 2004 | Grass    |
|    300 | 2008 | Cisneros |
|    200 | 2002 | Giovanni |
|    200 | 2003 | Liu      |
|    100 | 2001 | Hoffman  |
|    100 | 2006 | Clemens  |
|    100 | 2007 | Pereira  |
+--------+------+----------+
7 rows in set (0.00 sec)
```

4) Write a query that totals the orders for each day and places the results in descending order.

**select count(onum),odate from orders group by odate order by odate desc;**

```
W1_89793_Saurabh>select count(onum),odate from orders group by odate order by odate desc;
+-------------+------------+
| count(onum) | odate      |
+-------------+------------+
|           2 | 1990-10-06 |
|           1 | 1990-10-05 |
|           2 | 1990-10-04 |
|           5 | 1990-10-03 |
+-------------+------------+
4 rows in set (0.00 sec)
```