Assignment No -8

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 ,sum(Amt*0.01)from orders group by onum,snum;

```
D5_Bhushan_83923>select onum,snum ,sum(Amt*0.01)from orders group by onum,snum;
+------+------+---------------+
| onum | snum | sum(Amt*0.01) |
+------+------+---------------+
| 3001 | 1007 |          0.19 |
| 3003 | 1001 |          7.67 |
| 3002 | 1004 |         19.00 |
| 3005 | 1002 |         51.60 |
| 3006 | 1007 |         10.98 |
| 3009 | 1003 |         34.26 |
| 3007 | 1002 |          0.76 |
| 3008 | 1001 |         47.23 |
| 3010 | 1002 |         13.10 |
| 3011 | 1001 |         98.92 |
+------+------+---------------+
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 city as 'For the city ',max(Rating) as'the highest rating
is' from customers group by city;

```
D5_Bhushan_83923>select city as 'For the city ',max(Rating) as'the highest rating
 is' from customers group by city;
+---------------+-----------------------+
| For the city  | the highest rating is |
+---------------+-----------------------+
| 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,cname,cnum from customers order by rating desc;

```
D5_Bhushan_83923>select rating,cname,cnum from customers order by rating desc;
+--------+----------+------+
| rating | cname    | cnum |
+--------+----------+------+
|    300 | Grass    | 2004 |
|    300 | cisneros | 2008 |
|    200 | Giovanni | 2002 |
|    200 | Livu     | 2003 |
|    100 | Hoffman  | 2001 |
|    100 | Clemens  | 2006 |
|    100 | Pereira  | 2007 |
+--------+----------+------+
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 odate,count(onum) from orders group by odate order by count(onum) desc;

```
D5_Bhushan_83923>select odate,count(onum) from orders group by odate order by cou
nt(onum) desc;
+------------+-------------+
| odate      | count(onum) |
+------------+-------------+
| 1990-10-03 |           5 |
| 1990-10-04 |           3 |
| 1990-10-06 |           2 |
| 1990-10-05 |           1 |
+------------+-------------+
4 rows in set (0.01 sec)
```