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.

```
W3_86991_Akash>select onum, snum,amt, amt*0.12 as "commission" from orders;
+------+------+---------+------------+
| onum | snum | amt     | commission |
+------+------+---------+------------+
| 3001 | 1007 |   18.69 |       2.24 |
| 3003 | 1001 |  767.19 |      92.06 |
| 3002 | 1004 | 1900.10 |     228.01 |
| 3005 | 1002 | 5160.45 |     619.25 |
| 3006 | 1007 | 1098.16 |     131.78 |
| 3009 | 1003 | 1713.23 |     205.59 |
| 3007 | 1002 |   75.75 |       9.09 |
| 3008 | 1001 | 4723.00 |     566.76 |
| 3010 | 1002 | 1309.95 |     157.19 |
| 3011 | 1001 | 9891.88 |    1187.03 |
+------+------+---------+------------+
10 rows in set (0.00 sec)

W3_86991_Akash>
```

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).

```
W3_86991_Akash>select concat( ' City ',city,' the highest rating is :  ',max(rating))
    -> from customers group by city;
+-----------------------------------------------------------------+
| concat( ' City ',city,' the highest rating is :  ',max(rating)) |
+-----------------------------------------------------------------+
|  City London the highest rating is :  100                       |
|  City Rome the highest rating is :  200                         |
|  City San Jose the highest rating is :  300                     |
|  City Berlin the highest rating is :  300                       |
+-----------------------------------------------------------------+
4 rows in set (0.00 sec)

W3_86991_Akash>
```

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.

```
W3_86991_Akash>select rating ,cname , cnum from customers order by rating desc;
+--------+----------+------+
| rating | cname    | cnum |
+--------+----------+------+
|    300 | Grass    | 2004 |
|    300 | Cisneros | 2008 |
|    200 | Giovanni | 2002 |
|    200 | Liu      | 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.

```
W3_86991_Akash>select  odate ,count(onum) from orders group by odate order by count(onum) desc;
+------------+-------------+
| odate      | count(onum) |
+------------+-------------+
| 1990-10-03 |           5 |
| 1990-10-04 |           2 |
| 1990-10-06 |           2 |
| 1990-10-05 |           1 |
+------------+-------------+
4 rows in set (0.00 sec)

W3_86991_Akash>
```