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_93119_sushant>select onum,snum,amt*0.12 from orders;;
+------+------+----------+
| onum | snum | amt*0.12 |
+------+------+----------+
| 3001 | 1007 |     2.24 |
| 3003 | 1007 |    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 |  1187.03 |
| 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).

```
regated column 'classwork.customers.City'; this is incompatible with sql_mode=only_full_group_by
w3_93119_sushant>select concat(concat(concat(concat("For the city ",city)," "),"The highest rating is
: "),max(rating)) from customers group by city;
+-----------------------------------------------------------------------------------------------+
| concat(concat(concat(concat("For the city ",city)," "),"The highest rating is : "),max(rating)) |
+-----------------------------------------------------------------------------------------------+
| For the city London The highest rating is : 100                                               |
| For the city Rome The highest rating is : 200                                                 |
| For the city San Jose The highest rating is : 300                                             |
| For the city Berlin The highest rating is : 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.

```
w3_93119_sushant>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.

```
QL server version for the right syntax to use near 'orderby onum desc' at line 1
w3_93119_sushant>select odate,count(onum) from orders group by odate order by 2 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_93119_sushant>
```