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.

```
mysql> select onum,snum,amt,(amt *12)/100 from orders;
+-------+-------+---------+----------------+
| onum  | snum  | amt     | (amt *12)/100  |
+-------+-------+---------+----------------+
| 3001  | 1007  |   18.69 |       2.242800 |
| 3002  | 1004  | 1900.10 |     228.011997 |
| 3003  | 1001  |  767.19 |      92.062800 |
| 3005  | 1002  | 5160.45 |     619.254023 |
| 3006  | 1007  | 1098.16 |     131.779204 |
| 3007  | 1002  |   75.75 |       9.090000 |
| 3008  | 1001  | 4723.00 |     566.760000 |
| 3009  | 1003  | 1713.23 |     205.587598 |
| 3010  | 1002  | 1309.95 |     157.193994 |
| 3011  | 1001  | 9891.88 |    1187.025586 |
+-------+-------+---------+----------------+
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).

```
mysql> select onum,snum,amt,(amt *12)/100  commision from orders;
+-------+-------+---------+-------------+
| onum  | snum  | amt     | commision   |
+-------+-------+---------+-------------+
| 3001  | 1007  |   18.69 |    2.242800 |
| 3002  | 1004  | 1900.10 |  228.011997 |
| 3003  | 1001  |  767.19 |   92.062800 |
| 3005  | 1002  | 5160.45 |  619.254023 |
| 3006  | 1007  | 1098.16 |  131.779204 |
| 3007  | 1002  |   75.75 |    9.090000 |
| 3008  | 1001  | 4723.00 |  566.760000 |
| 3009  | 1003  | 1713.23 |  205.587598 |
| 3010  | 1002  | 1309.95 |  157.193994 |
| 3011  | 1001  | 9891.88 | 1187.025586 |
+-------+-------+---------+-------------+
10 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.

```
mysql> select rating,cname,snum,snum from customers order by rating desc;
+--------+----------+-------+-------+
| rating | cname    | snum  | snum  |
+--------+----------+-------+-------+
|    300 | Grass    | 1002  | 1002  |
|    300 | Cisneros | 1007  | 1007  |
|    200 | Giovanni | 1003  | 1003  |
|    200 | Liu      | 1002  | 1002  |
|    100 | Hoffman  | 1001  | 1001  |
|    100 | Clemens  | 1001  | 1001  |
|    100 | Pereira  | 1004  | 1004  |
+--------+----------+-------+-------+
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.

```
mysql> select orders.onum,customers.cname from orders join customers On orders.cnum=customers.cnum;
+------+----------+
| onum | cname    |
+------+----------+
| 3001 | Cisneros |
| 3002 | Pereira  |
| 3003 | Hoffman  |
| 3005 | Liu      |
| 3006 | Cisneros |
| 3007 | Grass    |
| 3008 | Clemens  |
| 3009 | Giovanni |
| 3010 | Grass    |
| 3011 | Clemens  |
+------+----------+
10 rows in set (0.00 sec)
```