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.

```
D3_92819_Shubham>select Onum,Snum,Amt*0.12 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).

```
D3_92819_Shubham>select city, max(rating) "the highest rating is" from customers
    -> group by city;
+----------+-----------------------+
| city     | the highest rating is |
+----------+-----------------------+
| London   |                   100 |
| Rome     |                   200 |
| San Jose |                   300 |
| Berlin   |                   300 |
+----------+-----------------------+
4 rows in set (0.00 sec)

D3_92819_Shubham>|
```

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.

```
D3_92819_Shubham>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.

```
D3_92819_Shubham>select Odate, count(Cnum) from orders
    -> group by Odate
    -> order by count(Cnum) desc;
+------------+-------------+
| Odate      | count(Cnum) |
+------------+-------------+
| 1990-10-03 |           5 |
| 1990-10-04 |           2 |
| 1990-10-06 |           2 |
| 1990-10-05 |           1 |
+------------+-------------+
4 rows in set (0.00 sec)

D3_92819_Shubham>
```