ASSIGNMENT - 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.

```
KD3_86688_swapnil@>SELECT odate,  amt * 0.12 AS'commission' FROM orders;
+------------+------------+
| odate      | commission |
+------------+------------+
| 1990-10-03 |       2.24 |
| 1990-10-03 |      92.06 |
| 1990-10-03 |     228.01 |
| 1990-10-03 |     619.25 |
| 1990-10-03 |     131.78 |
| 1990-10-04 |     205.59 |
| 1990-10-04 |       9.09 |
| 1990-10-05 |     566.76 |
| 1990-10-06 |     157.19 |
| 1990-10-06 |    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).

```
KD3_86688_swapnil@>SELECT city, MAX(rating) AS highest_rating FROM Customers GROUP BY city;
+----------+----------------+
| city     | highest_rating |
+----------+----------------+
| 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.

```
KD3_86688_swapnil@>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.

```
KD3_86688_swapnil@>SELECT odate, SUM(amt) AS total_amount FROM  orders GROUP BY odate ORDER BY total_amount DESC;
+------------+--------------+
| odate      | total_amount |
+------------+--------------+
| 1990-10-06 |     11201.83 |
| 1990-10-03 |      8944.59 |
| 1990-10-05 |      4723.00 |
| 1990-10-04 |      1788.98 |
+------------+--------------+
```