ASSIGNMENT - 7

1) Write a query that counts all orders for October 3.

```
KD3_86688_swapnil@>select count(*)'orders count'from orders where odate ='1990-10-03';
+--------------+
| orders count |
+--------------+
|            5 |
+--------------+
1 row in set (0.00 sec)
```

2)Write a query that counts the number of different non-NULL city values in the Customers table.

```
KD3_86688_swapnil@>select count(distinct(city)) from customers where city is not null;
+-----------------------+
| count(distinct(city)) |
+-----------------------+
|                     4 |
+-----------------------+
1 row in set (0.01 sec)
```

3)Write a query that selects each customer's smallest order.

```
KD3_86688_swapnil@>select min(amt)from orders;
+-----------+
| min(amt)  |
+-----------+
|     18.69 |
+-----------+
1 row in set (0.00 sec)
```

4) Write a query that selects the first customer, in alphabetical order, whose name begins with G.

```
KD3_86688_swapnil@>select min(Cname) from customers where Cname like 'g%';
+------------+
| min(Cname) |
+------------+
| giovanni   |
+------------+
1 row in set (0.00 sec)
```

5) Write a query that selects the highest rating in each city

.

```
KD3_86688_swapnil@>select city,max(rating) from customers group by city;
+-----------+-------------+
| city      | max(rating) |
+-----------+-------------+
| london    |         100 |
| rome      |         200 |
| san jose  |         300 |
| berlin    |         300 |
+-----------+-------------+
4 rows in set (0.01 sec)
```

6) Write a query that counts the number of salespeople registering orders for each day. (If a salesperson has more than one order on a given day, he or she should be counted only once.).

```
KD3_86688_swapnil@>select odate, count(distinct snum) from orders group by odate;
+------------+----------------------+
| odate      | count(distinct snum) |
+------------+----------------------+
| 1990-10-03 |                    4 |
| 1990-10-04 |                    2 |
| 1990-10-05 |                    1 |
| 1990-10-06 |                    2 |
+------------+----------------------+
4 rows in set (0.00 sec)
```