Sql Assignment - 7

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

```
kd2_80158_saurabh>select count(*) from orders where Odate='1990-10-03';
+----------+
| 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.

```
kd2_80158_saurabh>select count(distinct city) from customers;
+----------------------+
| count(distinct city) |
+----------------------+
|                    4 |
+----------------------+
1 row in set (0.00 sec)
```

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

```
kd2_80158_saurabh>select Cnum,min(amt) from orders group by Cnum;
+------+----------+
| Cnum | min(amt) |
+------+----------+
| 2008 |    18.69 |
| 2001 |   767.19 |
| 2007 |  1900.10 |
| 2003 |  5160.45 |
| 2002 |  1713.23 |
| 2004 |    75.75 |
| 2006 |  4723.00 |
+------+----------+
7 rows in set (0.00 sec)
```

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

```
kd2_80158_saurabh>select min(Cname) "First customer" from customers where Cname like "G%";
+----------------+
| First customer |
+----------------+
| Giovanni       |
+----------------+
1 row in set (0.00 sec)
```

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

```
kd2_80158_saurabh>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 (0.00 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).

```
kd2_80158_saurabh>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)
```