Assignment No 7

1) Write a October 3. query that counts all orders for October 3.
->select count(*) from orders where odate='1990-10-03';

```
D5_Bhushan_83923>select count(*) from orders where odate='1990-10-03';
+----------+
| count(*) |
+----------+
|        5 |
+----------+
1 row in set (0.12 sec)

D5_Bhushan_83923>
```

2) Write a query that counts the number of different non-NULL city values
in the Customers table.
-> select count(*) from customers where city is not null;

```
D5_Bhushan_83923>select count(*) from customers where city is not null;
+----------+
| count(*) |
+----------+
|        7 |
+----------+
1 row in set (0.00 sec)

D5_Bhushan_83923>
```

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

->select cnum,min(Amt) from orders group by cnum;

```
D5_Bhushan_83923>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.
->
select cname from customers where cname like 'G%' order by cname;

```
D5_Bhushan_83923>select cname from customers where cname like 'G%' order by cnam
e;
+----------+
| cname    |
+----------+
| Giovanni |
| Grass    |
+----------+
2 rows in set (0.00 sec)

D5_Bhushan_83923>
```

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

->select city,max(Rating) from customers group by city;

```
D5_Bhushan_83923>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. (Ifa salesperson has more than one order on a givenday, he or she should be counted only once.).

->select odate,count(distinct snum) from orders group by odate;

```
D5_Bhushan_83923>select odate,count(distinct snum) from orders group by o
date;
+------------+----------------------+
| odate      | count(distinct snum) |
+------------+----------------------+
| 1990-10-03 |                    4 |
| 1990-10-04 |                    2 |
| 1990-10-05 |                    1 |
| 1990-10-06 |                    2 |
+------------+----------------------+
4 rows in set (0.02 sec)
```