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

```
W2_93085_Tejal select *from orders
    -> ;
+-------+---------+------------+-------+-------+
| Onum  | Amt     | Odate      | Cnum  | Snum  |
+-------+---------+------------+-------+-------+
| 3001  |   18.69 | 1990-10-03 | 2008  | 1007  |
| 3003  |  767.19 | 1990-10-03 | 2001  | 1001  |
| 3002  | 1900.10 | 1990-10-03 | 2007  | 1004  |
| 3005  | 5160.45 | 1990-10-03 | 2003  | 1002  |
| 3006  | 1098.16 | 1990-10-03 | 2008  | 1007  |
| 3009  | 1713.23 | 1990-10-04 | 2002  | 1003  |
| 3007  |   75.75 | 1990-10-04 | 2004  | 1002  |
| 3008  | 4723.00 | 1990-10-05 | 2006  | 1001  |
| 3010  | 1309.95 | 1990-10-06 | 2004  | 1002  |
| 3011  | 9891.88 | 1990-10-06 | 2006  | 1001  |
+-------+---------+------------+-------+-------+
10 rows in set (0.00 sec)

W2_93085_Tejal 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.

```
W2_93085_Tejalselect 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.

```
W2_93085_Tejal select cnum,min(amt) as smallest_orders from orders
    -> group by cnum;
+------+-----------------+
| cnum | smallest_orders |
+------+-----------------+
| 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.

```
W2_93085_Tejal select min(cname) as first_G_name from customers
    -> where cname like 'G%';
+--------------+
| first_G_name |
+--------------+
| Giovanni     |
+--------------+
1 row in set (0.01 sec)
```

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

```
W2_93085_Tejal select city,max(rating) as HighestRating from customers
    -> group by city;
+-----------+---------------+
| city      | HighestRating |
+-----------+---------------+
| 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.).

```
W2_93085_Tejal select odate,count(distinct snum) as salespeople_count from orders
    -> group by odate;
+------------+-------------------+
| odate      | salespeople_count |
+------------+-------------------+
| 1990-10-03 |                 4 |
| 1990-10-04 |                 2 |
| 1990-10-05 |                 1 |
| 1990-10-06 |                 2 |
+------------+-------------------+
4 rows in set (0.00 sec)
```