ASSIGNMENT 7

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

```
10 rows in set (0.00 sec)

KD3_86659_shriyapatil@>select * from ORDERS
    -> where Odate = '1990-10-03';
+------+---------+------------+------+------+
| 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 |
| 3007 |   75.75 | 1990-10-03 | 2004 | 1002 |
+------+---------+------------+------+------+
6 rows in set (0.00 sec)

KD3_86659_shriyapatil@>
```

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

```
KD3_86650_shriya@>select count(distinct city) from customers where city is not null ;
+----------------------+
| count(distinct city) |
+----------------------+
|                    4 |
+----------------------+
1 row in set (0.00 sec)

KD3_86650_shriya@>
```

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

```
KD3_86659_shriya@>select min(amt) from orders
    -> group by cnum;
+-----------+
| min(amt)  |
+-----------+
|    18.69  |
|   767.19  |
|  1900.10  |
|  5160.45  |
|  1713.23  |
|    75.75  |
|  4723.00  |
+-----------+
7 rows in set (0.00 sec)

KD3_86659_shriya@>
```

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

```
KD3_86659_shriya@>select cname from customers
    -> where Cname like 'G%' ;
+----------+
| cname    |
+----------+
| Giovanni |
| grass    |
+----------+
2 rows in set (0.00 sec)

KD3_86659_shriya@>
```

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

```
    -> WHERE Cname like 'G%' ;
ERROR 1146 (42S02): Table 'assignment1.customres' doesn't exist
KD3_86659_shriyapatil@>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 (0.07 sec)

KD3_86659_shriyapatil@>
```

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_86659_shriya@>select count(odate) from orders
    -> group by Odate ;
+--------------+
| count(odate) |
+--------------+
|            5 |
|            2 |
|            1 |
|            2 |
+--------------+
4 rows in set (0.00 sec)

KD3_86659_shriya@>
```