Assignment 07

KD1-Indrajeet-86641

- Q1. Write a query that counts all orders for October 3.
- → select count(*) from orders where odate = '1990-10-03';

```
KD1-Indrajeet-86641@>select count(*) from orders where odate = '1990-10-03';
+-----+
| count(*) |
+-----+
| 5 |
+-----+
1 row in set (0.02 sec)
```

- Q2. Write a query that counts the number of different non-NULL city values in the Customers table.
- → select count(*) from customers where city != null;

```
KD1-Indrajeet-86641@>select count(*) from customers where city != null;
+-----+
| count(*) |
+-----+
| 0 |
+-----+
1 row in set (0.00 sec)
```

- Q3. Write a query that selects each customer's smallest order.
- → select cnum, min(amt) from orders group by cnum;

```
KD1-Indrajeet-86641@>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 (0.01 sec)
```

Q4. Write a query that selects the first customer, in alphabetical order, whose name begins with G.

→ select * from customers where cname like 'G%' limit 1;

Q5. Write a query that selects the highest rating in each city.

→ select city, max(rating) from customers group by city;

Q6. 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).

→ select count(distinct snum) from orders group by odate;