

Q1) Write a query that counts all orders for October 3.

→ select count(*) from orders where Odate = '1990-10-03';

```
KD3_86704_Mayur@>select count(*) from orders where Odate = '1990-10-03';
+-----+
| count(*) |
+-----+
|         5 |
+-----+
1 row in set (0.00 sec)

KD3_86704_Mayur@>
```

Q2) Write a query that selects each customer's smallest order'

→ select count(distinct(city)) from customers where city is not NULL;

```
KD3_86704_Mayur@>select count(distinct(city)) from customers where city is not NULL;
+-----+
| count(distinct(city)) |
+-----+
|                       4 |
+-----+
1 row in set (0.01 sec)

KD3_86704_Mayur@>
```

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

→ select * from customers where Cname like "G%" ORDER BY Cname LIMIT 1 ;

```
KD3_86704_Mayur@>select * from customers where Cname like "G%" ORDER BY Cname LIMIT 1 ;
+-----+-----+-----+-----+-----+
| Cnum | Cname   | City  | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome  | 200    | 1003 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

KD3_86704_Mayur@>
```

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

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

```
KD3_86704_Mayur@>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 (0.01 sec)

KD3_86704_Mayur@>^C
KD3_86704_Mayur@>
```

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 Odate,count(Snum) from orders group by Odate;

```
KD3_86704_Mayur@>select Odate,count(Snum) from orders group by Odate;
```

Odate	count(Snum)
1990-10-03	5
1990-10-04	2
1990-10-05	1
1990-10-06	2

```
4 rows in set (0.00 sec)
```