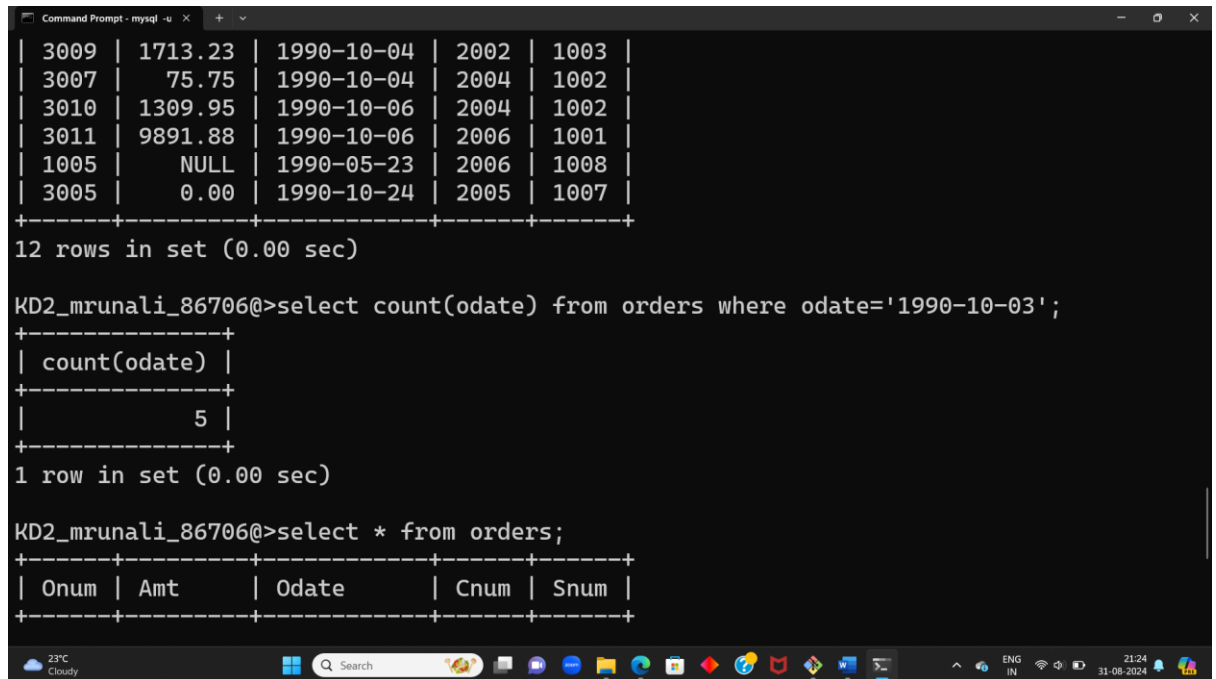# Assignment 07

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

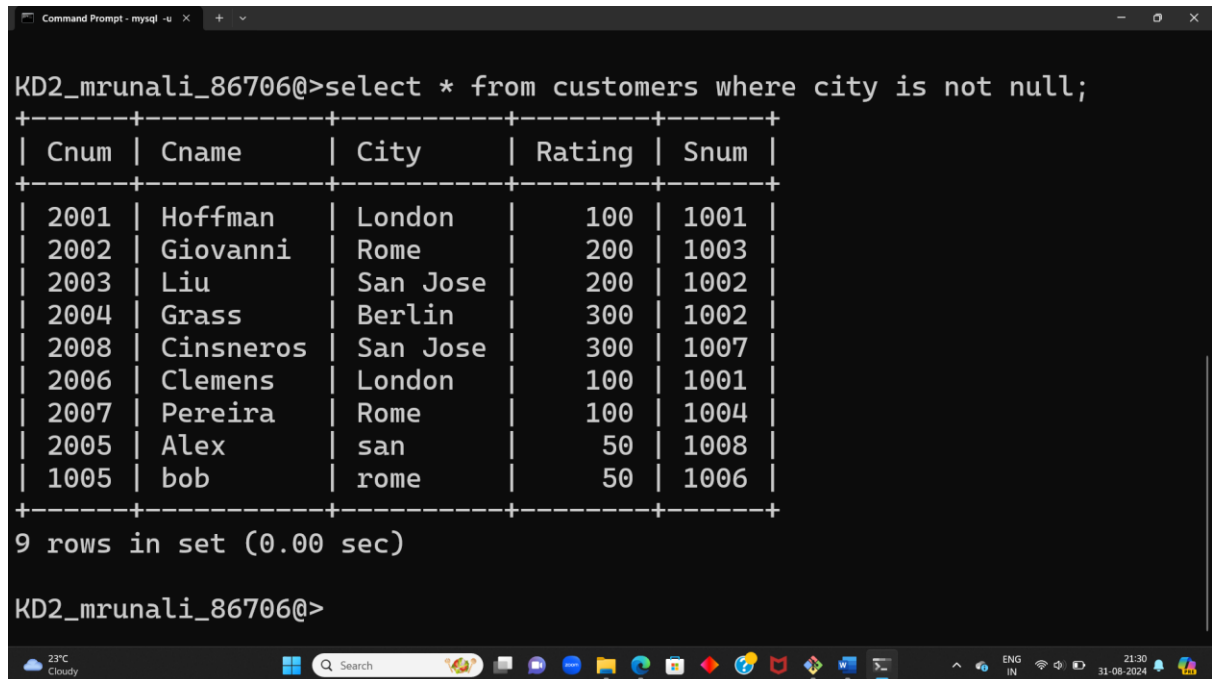Ans→select count(odate) from orders where odate='1990-10-03';

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

Ans→select * from customers where city is not null;

```
Command Prompt - mysql -u    ×    +   ∨                                                          –   □   ×

KD2_mrunali_86706@>select * from customers where city is not null;
+-------+-----------+-----------+--------+------+
| Cnum  | Cname     | City      | Rating | Snum |
+-------+-----------+-----------+--------+------+
| 2001  | Hoffman   | London    |    100 | 1001 |
| 2002  | Giovanni  | Rome      |    200 | 1003 |
| 2003  | Liu       | San Jose  |    200 | 1002 |
| 2004  | Grass     | Berlin    |    300 | 1002 |
| 2008  | Cinsneros | San Jose  |    300 | 1007 |
| 2006  | Clemens   | London    |    100 | 1001 |
| 2007  | Pereira   | Rome      |    100 | 1004 |
| 2005  | Alex      | san       |     50 | 1008 |
| 1005  | bob       | rome      |     50 | 1006 |
+-------+-----------+-----------+--------+------+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

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

Ans➔>select onum,min(amt) from orders group by onum;

+------+----------+

```
KD2_mrunali_86706@>select onum,min(amt) from orders group by onum;
+------+----------+
| onum | min(amt) |
+------+----------+
| 3001 |    18.69 |
| 3002 |  1900.10 |
| 3008 |  4723.00 |
| 3003 |   767.19 |
| 3005 |     0.00 |
| 3006 |  1098.16 |
| 3009 |  1713.23 |
| 3007 |    75.75 |
| 3010 |  1309.95 |
| 3011 |  9891.88 |
| 1005 |     NULL |
+------+----------+
11 rows in set (0.03 sec)
```
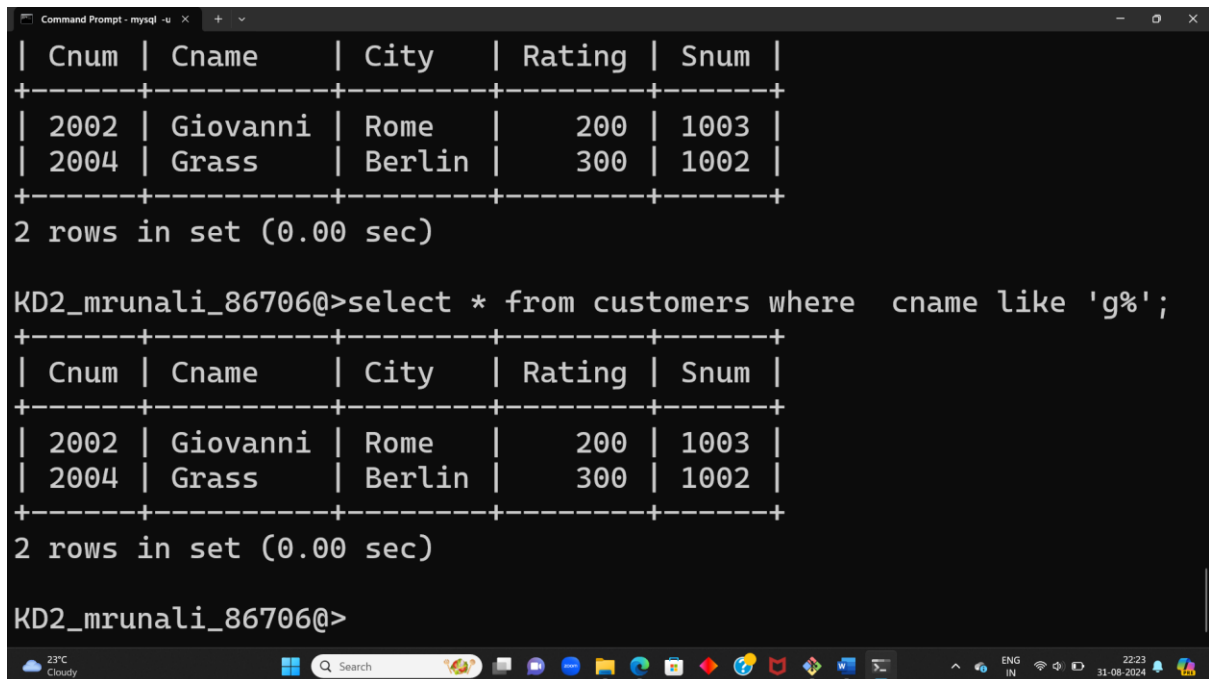
4) Write a query that selects the first customer, in alphabetical order, whose name begins with G.?

 Ans→select * from customers where cname like 'g%';

```
| Cnum | Cname    | City   | Rating | Snum |
+------+----------+--------+--------+------+
| 2002 | Giovanni | Rome   |    200 | 1003 |
| 2004 | Grass    | Berlin |    300 | 1002 |
+------+----------+--------+--------+------+
2 rows in set (0.00 sec)

KD2_mrunali_86706@>select * from customers where  cname like 'g%';
+------+----------+--------+--------+------+
| Cnum | Cname    | City   | Rating | Snum |
+------+----------+--------+--------+------+
| 2002 | Giovanni | Rome   |    200 | 1003 |
| 2004 | Grass    | Berlin |    300 | 1002 |
+------+----------+--------+--------+------+
2 rows in set (0.00 sec)

KD2_mrunali_86706@>
```
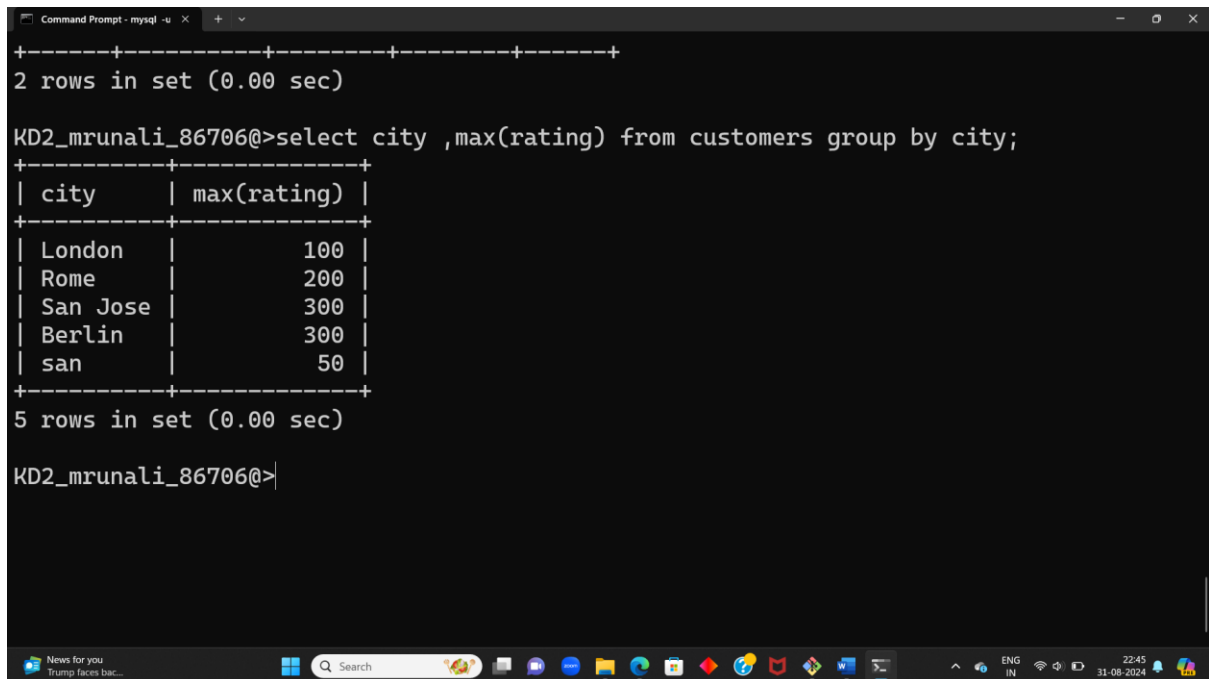
5) Write a query that selects the highest rating in each city.?

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

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.).?

Ans➔>select odate ,count(distinct(onum)) from orders group by odate;