Assignment 08

1) Assume each salesperson has a 12% commission. Write a query on the orders table that will produce the order number, the salesperson number, and the amount of the salesperson's commission for that order.?

   Ans→ select onum,snum,amt*0.12 from orders;


```
KD2_mrunali_86706@>select onum,snum,amt*0.12 from orders;
+------+------+----------+
| onum | snum | amt*0.12 |
+------+------+----------+
| 3001 | 1007 |     2.24 |
| 3002 | 1004 |   228.01 |
| 3008 | 1001 |   566.76 |
| 3003 | 1001 |    92.06 |
| 3005 | 1002 |   619.25 |
| 3006 | 1007 |   131.78 |
| 3009 | 1003 |   205.59 |
| 3007 | 1002 |     9.09 |
| 3010 | 1002 |   157.19 |
| 3011 | 1001 |  1187.03 |
| 1005 | 1008 |     NULL |
| 3005 | 1007 |     0.00 |
+------+------+----------+
12 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

2) Write a query on the Customers table that will find the highest rating in each city. Put the output in this form?

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

```
| 3010 | 1002 |    157.19 |
| 3011 | 1001 |   1187.03 |
| 1005 | 1008 |      NULL |
| 3005 | 1007 |      0.00 |
+------+------+-----------+
12 rows in set (0.00 sec)

KD2_mrunali_86706@>select city ,max(rating) from customers group by city;
+-----------+-------------+
| city      | max(rating) |
+-----------+-------------+
| London    |         100 |
| Rome      |         200 |
| San Jose  |         300 |
| Berlin    |         300 |
| san       |          50 |
+-----------+-------------+
5 rows in set (0.00 sec)

KD2_mrunali_86706@>
```
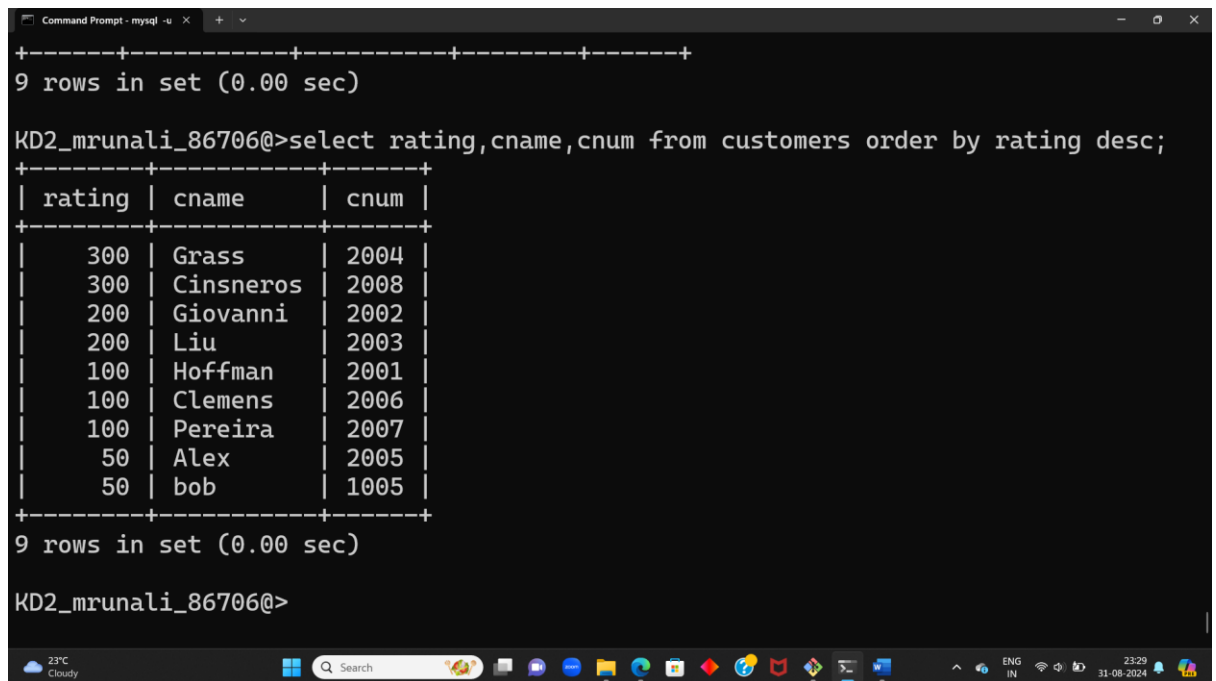
3) Write a query that lists customers in descending order of rating. Output the rating field first, followed by the customer's name and number.?
   Ans→select rating,cname,cnum from customers order by rating desc;

```
Command Prompt - mysql -u  ×   +  ∨                                                      —   □   ✕
+-------+------------+-----------+---------+-------+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>select rating,cname,cnum from customers order by rating desc;
+--------+-----------+------+
| rating | cname     | cnum |
+--------+-----------+------+
|    300 | Grass     | 2004 |
|    300 | Cinsneros | 2008 |
|    200 | Giovanni  | 2002 |
|    200 | Liu       | 2003 |
|    100 | Hoffman   | 2001 |
|    100 | Clemens   | 2006 |
|    100 | Pereira   | 2007 |
|     50 | Alex      | 2005 |
|     50 | bob       | 1005 |
+--------+-----------+------+
9 rows in set (0.00 sec)

KD2_mrunali_86706@>
```

4) Write a query that totals the orders for each day and places the results in descending order.?
   Ans→
   select onum,sum(amt) from orders group by onum order by onum desc;
   +------+----------+