Q1 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.

➔ select Onum,Snum,Amt,Amt*0.12 as Commition from orders;

```
KD3_86704_Mayur@>select Onum,Snum,Amt,Amt*0.12 as Commition fr
om orders;
+-------+-------+----------+------------+
| Onum  | Snum  | Amt      | Commition  |
+-------+-------+----------+------------+
| 3001  | 1007  |    18.69 |       2.24 |
| 3003  | 1001  |   767.19 |      92.06 |
| 3002  | 1004  |   767.19 |      92.06 |
| 3005  | 1002  |  5160.45 |     619.25 |
| 3006  | 1007  |  1098.16 |     131.78 |
| 3009  | 1003  |  1713.23 |     205.59 |
| 3007  | 1002  |    75.75 |       9.09 |
| 3008  | 1001  |  4723.00 |     566.76 |
| 3010  | 1002  |  1309.95 |     157.19 |
| 3011  | 1001  |  9891.88 |    1187.03 |
+-------+-------+----------+------------+
10 rows in set (0.01 sec)

KD3_86704_Mayur@>
```

Q2   Write a query on the Customers table that will find the highest rating in each city. Put the output in this form: For the city (city), the highest rating is : (rating).

➔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 (0.00 sec)

KD3_86704_Mayur@>
```

Q3 Write a query that lists customers in descending order of rating. Output the rating field first, followed by the customer's name and number.

select Rating,Cname,Cnum from customers order by rating desc;

```
KD3_86704_Mayur@>select Rating,Cname,Cnum from customers order by rating desc;
+--------+----------+------+
| Rating | Cname    | Cnum |
+--------+----------+------+
|    300 | Grass    | 2004 |
|    300 | Cisneros | 2008 |
|    200 | Giovanni | 2002 |
|    200 | Liu      | 2003 |
|    100 | Hoffman  | 2001 |
|    100 | Celmens  | 2006 |
|    100 | Perira   | 2007 |
+--------+----------+------+
7 rows in set (0.00 sec)

KD3_86704_Mayur@>
```

Q4 Write a query that totals the orders for each day and places the results in descending order

select Odate,sum(Amt) as 'total' from orders group by Odate order by total desc;

```
KD3_86704_Mayur@>select Odate,sum(Amt) as 'total' from orders group by Odate order by tot
al desc;
+------------+----------+
| Odate      | total    |
+------------+----------+
| 1990-10-06 | 11201.83 |
| 1990-10-03 |  7811.68 |
| 1990-10-05 |  4723.00 |
| 1990-10-04 |  1788.98 |
+------------+----------+
4 rows in set (0.00 sec)

KD3_86704_Mayur@>
```