Assignment –8
Formatting Query output.

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.

```
KD2-87412-Abhishek@> select onum  "ORDER NUMBER", snum  "SALESPEOPLE NUMBER", amt*0.12 from orders;
+--------------+--------------------+----------+
| ORDER NUMBER | SALESPEOPLE NUMBER | amt*0.12 |
+--------------+--------------------+----------+
|         3001 |               1007 |     2.24 |
|         3003 |               1001 |    92.06 |
|         3002 |               1004 |   228.01 |
|         3005 |               1002 |   619.25 |
|         3006 |               1007 |   131.78 |
|         3009 |               1003 |   205.59 |
|         3007 |               1002 |     9.09 |
|         3008 |               1001 |   566.76 |
|         3010 |               1002 |   157.19 |
|         3011 |               1001 |  1187.03 |
+--------------+--------------------+----------+
10 rows in set (0.02 sec)
```

2) 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).

```
KD2-87412-Abhishek@>select city"FOR THE CITY", max(rating)"THE HIGHEST RATING IS" from customers  group by city;
+--------------+-----------------------+
| FOR THE CITY | THE HIGHEST RATING IS |
+--------------+-----------------------+
| London       |                   100 |
| Rome         |                   200 |
| Sanjose      |                   300 |
| Berlin       |                   200 |
+--------------+-----------------------+
4 rows in set (0.00 sec)
```

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.

```
KD2-87412-Abhishek@>select rating, cname Customers,cnum Customer_Number from customers order by rating
 desc;
+--------+-----------+-----------------+
| rating | Customers | Customer_Number |
+--------+-----------+-----------------+
|    300 | Cisneros  |            2006 |
|    200 | Gionavi   |            2002 |
|    200 | liu       |            2003 |
|    200 | Grass     |            2004 |
|    100 | Hoffman   |            2001 |
|    100 | Celmens   |            2006 |
|    100 | Pereira   |            2007 |
+--------+-----------+-----------------+
7 rows in set (0.00 sec)
```

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

```
KD2-87412-Abhishek@>select count(onum) Totalorders,odate date from orders group by odate order by Tota
lorders desc;
+-------------+------------+
| Totalorders | date       |
+-------------+------------+
|           5 | 1990-10-03 |
|           2 | 1990-10-04 |
|           2 | 1990-10-06 |
|           1 | 1990-10-05 |
+-------------+------------+
4 rows in set (0.00 sec)
```