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.

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).

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.

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

1)

```
kd4_92410_saishiva>select Onum,Snum,Amt*0.12 'Commission amount' from orders;
+------+------+-------------------+
| Onum | Snum | Commission amount |
+------+------+-------------------+
| 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 (0.01 sec)
```

2)

```
kd4_92410_saishiva>select concat(concat("For the City ",City),concat(",the highest rating is :",max(rating))) 'Respective City and it
s highest rating' from customers group by City;
+------------------------------------------------+
| Respective City and its highest rating         |
+------------------------------------------------+
| For the City London,the highest rating is :100 |
| For the City Rome,the highest rating is :200   |
| For the City San Jose,the highest rating is :300 |
| For the City Berlin,the highest rating is :300 |
+------------------------------------------------+
4 rows in set (0.00 sec)
```

3)

```
kd4_92410_saishiva>select rating,Cname,Cnum from customers order by 1 desc;
+--------+----------+------+
| rating | Cname    | Cnum |
+--------+----------+------+
|    300 | Grass    | 2004 |
|    300 | Cisneros | 2008 |
|    200 | Giovanni | 2002 |
|    200 | Liu      | 2003 |
|    100 | Hoffman  | 2001 |
|    100 | Clemens  | 2006 |
|    100 | Pereira  | 2007 |
+--------+----------+------+
7 rows in set (0.00 sec)
```

4)

```
kd4_92410_saishiva>select Odate,count(Odate) 'Total orders for each day',sum(Amt) 'Total amount earned that day' from orders group by
 Odate order by 3 desc;
+------------+---------------------------+------------------------------+
| Odate      | Total orders for each day | Total amount earned that day |
+------------+---------------------------+------------------------------+
| 1990-10-06 |                         2 |                     11201.83 |
| 1990-10-03 |                         5 |                      8944.59 |
| 1990-10-05 |                         1 |                      4723.00 |
| 1990-10-04 |                         2 |                      1788.98 |
+------------+---------------------------+------------------------------+
4 rows in set (0.00 sec)
```