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.

Query : select onum, snum, amt*0.12 Commission from orders ;

```
D3_92969_Dhananjay>select onum, snum, amt*0.12 Commission from orders ;
+------+------+------------+
| onum | snum | Commission |
+------+------+------------+
| 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 (0.00 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).

Query : select concat('For the city : ', city) City, concat('The highest rating is : ', max(rating)) Rating from customers group by city ;

```
D3_92969_Dhananjay>select concat('For the city : ', city) City, concat('The highest rating is : ', max(rating)) Rating
    -> from customers group by city ;
+--------------------------+------------------------------+
| City                     | 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, 1 warning (0.01 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.

Query : select rating, cname Name from customers order by rating ;

```
D3_92969_Dhananjay>select rating, cname Name from customers order by rating ;
+--------+----------+
| rating | Name     |
+--------+----------+
|    100 | Hoffman  |
|    100 | Clemens  |
|    100 | Pereira  |
|    200 | Giovanni |
|    200 | Liu      |
|    300 | Grass    |
|    300 | Cisneros |
+--------+----------+
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.

Query : select odate, sum(amt) Total from orders group by odate order by total ;

```
D3_92969_Dhananjay>select odate, sum(amt) Total from orders group by odate order by total ;
+------------+----------+
| odate      | Total    |
+------------+----------+
| 1990-10-04 |  1788.98 |
| 1990-10-05 |  4723.00 |
| 1990-10-03 |  8944.59 |
| 1990-10-06 | 11201.83 |
+------------+----------+
4 rows in set (0.01 sec)
```