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.

```
W2_93085_Tejal select onum as order_number,snum as salespeoples_number,
    -> amt*0.12 as salespeople_Comission from orders;
+--------------+----------------------+----------------------+
| order_number | salespeoples_number  | salespeople_Comission |
+--------------+----------------------+----------------------+
|         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).

```
W2_93085_Tejal select concat('For the city',City,',the highest rating is : ',Max(Rating))
    -> as output from customers
    -> group by city;
+-----------------------------------------------------------+
| output                                                    |
+-----------------------------------------------------------+
| For the cityLondon,the highest rating is : 100            |
| For the cityRome,the highest rating is : 200              |
| For the citySan_Jose,the highest rating is : 300          |
| For the cityBerlin,the highest rating is : 300            |
+-----------------------------------------------------------+
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.

```
W2_93085_Tejal select
    -> concat ('Rating ',Rating,',Name ',Cname,',Number',cnum) as output
    -> from customers
    -> order by rating desc;
+------------------------------------------+
| output                                   |
+------------------------------------------+
| Rating 300,Name Grass,Number2004         |
| Rating 300,Name Cisneros,Number2008      |
| Rating 200,Name Giovanni,Number2002      |
| Rating 200,Name Liu,Number2003           |
| Rating 100,Name Hoffman,Number2001       |
| Rating 100,Name Clemens,Number2006       |
| Rating 100,Name Pereira,Number2007       |
+------------------------------------------+
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.

```
W2_93085_Tejal SELECT
    ->   CONCAT('On ', Odate, ', total order amount is: ₹', ROUND(SUM(Amt), 2)) AS Formatted_Output
    -> FROM Orders
    -> GROUP BY Odate
    -> ORDER BY SUM(Amt) DESC;
+---------------------------------------------------+
| Formatted_Output                                  |
+---------------------------------------------------+
| On 1990-10-06, total order amount is: ?11201.83   |
| On 1990-10-03, total order amount is: ?8944.59    |
| On 1990-10-05, total order amount is: ?4723       |
| On 1990-10-04, total order amount is: ?1788.98    |
+---------------------------------------------------+
4 rows in set (0.01 sec)
```