

## Assignment No : 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_87323_Dhanashri>select Onum,Snum, Amt*0.12 as Comm_Amte from orders;
+-----+-----+-----+
| Onum | Snum | Comm_Amte |
+-----+-----+-----+
| 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) 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_87323_Dhanashri>select concat('For the city ::',City,' the highest Rating :: ',max(rating)) from customers group by city;
+-----+-----+-----+
| concat('For the city ::',City,' the highest Rating :: ',max(rating)) |
+-----+-----+-----+
| For the city ::London the highest Rating :: 100 |
| For the city ::Rome the highest Rating :: 200 |
| For the city ::San Jose the highest Rating :: 300 |
| For the city ::Berlin the highest Rating :: 300 |
+-----+-----+-----+
4 rows in set (0.02 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_87323_Dhanashri>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) Write a query that totals the orders for each day and places the results in descending order.

```
W2_87323_Dhanashri>select sum(amt) total,odate from orders group by odate order by 1 desc;
+-----+-----+
| total  | odate  |
+-----+-----+
| 11201.83 | 1990-08-06 |
| 8944.59 | 1990-08-03 |
| 4723.00 | 1990-08-05 |
| 1788.98 | 1990-08-04 |
+-----+-----+
4 rows in set (0.00 sec)
```