

## 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.

```
KD3_86672_saksham@>select onum, snum, amt*0.12 as com from orders;
+-----+-----+-----+
| onum | snum | com   |
+-----+-----+-----+
| 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).

```
KD3_86672_saksham@>select city,max(rating) as rating from customers group by
city;
+-----+-----+
| city   | rating |
+-----+-----+
| London | 100    |
| Rome   | 200    |
| San Jose | 300   |
| Berlin | 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.

```
KD3_86672_saksham@>select rating, cname, cnum from customers order by rating
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.

```
KD3_86672_saksham@>select odate,count(onum) from orders group by odate order
by count(onum) desc;
+-----+-----+
| odate   | count(onum) |
+-----+-----+
| 1990-10-03 |          5 |
| 1990-10-04 |          2 |
| 1990-10-06 |          2 |
| 1990-10-05 |          1 |
+-----+-----+
4 rows in set (0.00 sec)
```