Assignment –8

Formatting Query output.

Roll No: 87243

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.

```
KD2-87243-kartik@>select onum, snum, (amt*12/100) from orders;
+------+------+--------------+
| onum | snum | (amt*12/100) |
+------+------+--------------+
| 3001 | 1007 |     2.242800 |
| 3003 | 1001 |    92.062800 |
| 3002 | 1004 |   228.011997 |
| 3005 | 1002 |   619.254023 |
| 3006 | 1007 |   131.779204 |
| 3009 | 1003 |   205.587598 |
| 3007 | 1002 |     9.090000 |
| 3008 | 1001 |   566.760000 |
| 3010 | 1002 |   157.193994 |
| 3011 | 1001 |  1187.025586 |
+------+------+--------------+
10 rows in set (0.02 sec)

KD2-87243-kartik@>
```
Activate Windows
Go to Settings to activate Windows.

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).

```
KD2-87243-kartik@>select city "For the City", max(rating) "The Higest rating" from customers group by city;
+--------------+-------------------+
| For the City | The Higest rating |
+--------------+-------------------+
| London       |               100 |
| Rome         |               200 |
| San Jose     |               300 |
| Berlin       |               300 |
+--------------+-------------------+
4 rows in set (0.00 sec)

KD2-87243-kartik@>
```
Activate Windows
Go to Settings to activate Windows.

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.

```
KD2-87243-kartik@>select * from customers order by rating desc;
+------+----------+----------+--------+------+
| Cnum | Cname    | city     | Rating | Snum |
+------+----------+----------+--------+------+
| 2004 | Grass    | Berlin   |    300 | 1002 |
| 2008 | Cisneros | San Jose |    300 | 1007 |
| 2002 | Giovanni | Rome     |    200 | 1003 |
| 2003 | Liu      | San Jose |    200 | 1002 |
| 2001 | Hoffman  | London   |    100 | 1001 |
| 2006 | Clemens  | London   |    100 | 1001 |
| 2007 | Pereira  | Rome     |    100 | 1004 |
+------+----------+----------+--------+------+
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.

```
ERROR 1054 (42S22): Unknown column 'city' in 'field list'
KD2-87243-kartik@>select odate, count(onum) from orders group by odate;
+------------+-------------+
| odate      | count(onum) |
+------------+-------------+
| 1990-10-03 |           5 |
| 1990-10-04 |           2 |
| 1990-10-05 |           1 |
| 1990-10-06 |           2 |
+------------+-------------+
4 rows in set (0.00 sec)

KD2-87243-kartik@>
```