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_84069_anup>select Cnum,Snum,Amt ,(Amt*0.12) 'Commission' from orders;
+------+------+---------+------------+
| Cnum | Snum | Amt     | Commission |
+------+------+---------+------------+
| 2008 | 1007 |   18.69 |       2.24 |
| 2001 | 1001 |  767.19 |      92.06 |
| 2007 | 1004 | 1900.10 |     228.01 |
| 2003 | 1002 | 5160.00 |     619.20 |
| 2008 | 1007 | 1098.16 |     131.78 |
| 2002 | 1003 | 1713.23 |     205.59 |
| 2004 | 1002 |   75.75 |       9.09 |
| 2006 | 1001 | 4723.00 |     566.76 |
| 2004 | 1002 | 1309.95 |     157.19 |
| 2006 | 1001 | 9891.88 |    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_84069_anup>select City, max(Rating) '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.

```
W2_84069_anup>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.

```
W2_84069_anup>select Odate,sum(Amt)'Total'from orders GROUP BY Odate;
+------------+----------+
| Odate      | Total    |
+------------+----------+
| 1990-10-03 |  8944.14 |
| 1990-10-04 |  1788.98 |
| 1990-10-05 |  4723.00 |
| 1990-10-06 | 11201.83 |
+------------+----------+
4 rows in set (0.00 sec)
```