Assignment –8

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.

```
KD4-86647-aman>select rating, cname, cnum from customers order by rating des
c;
+--------+----------+------+
| 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)
```

```
KD4-86647-aman>select onum,snum,.12*amt as 'COMM' from orders;
+------+------+---------+
| onum | snum | COMM    |
+------+------+---------+
| 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).

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.

```
KD4-86647-aman>select city as "For the city",max(rating) as "the highest rat
ing is" from customers group by city;
+---------------+------------------------+
| For the city  | the highest rating is  |
+---------------+------------------------+
| London        |                    100 |
| Rome          |                    200 |
| San jose      |                    300 |
| Berlin        |                    300 |
+---------------+------------------------+
4 rows in set (0.00 sec)
```

4) Write a query that totals the orders for each day and places the results in descending order.

```
KD4-86647-aman>select count(odate) as "orders" from orders group by odate
    -> order by orders desc;
+--------+
| orders |
+--------+
|      5 |
|      2 |
|      2 |
|      1 |
+--------+
4 rows in set (0.00 sec)
```