Assignment –8 Solution 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.

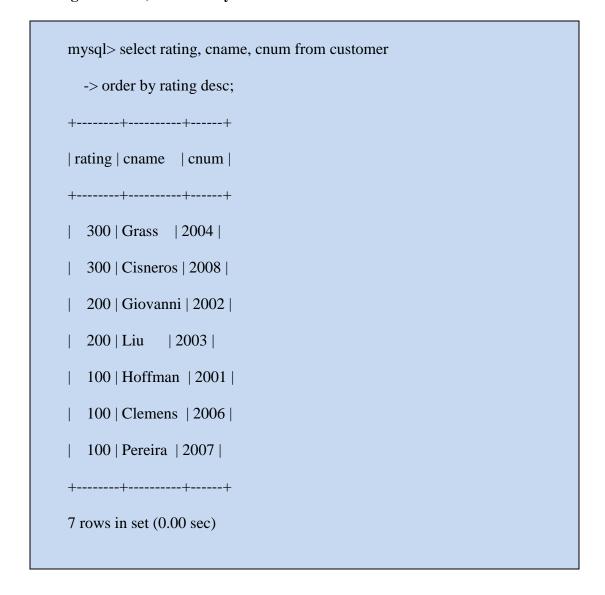
```
mysql> select onum, snum,amt* 0.12 as commission
  -> from orders;
+----+
onum | snum | commission |
+----+
| 3001 | 1007 | 2.24 |
| 3003 | 1001 |
              92.06
| 3002 | 1004 |
              228.01 |
| 3005 | 1002 |
              619.25 |
| 3006 | 1007 |
              131.78 |
| 3009 | 1003 |
              205.59
               9.09 |
| 3007 | 1002 |
              566.76 |
| 3008 | 1001 |
| 3010 | 1002 |
              157.19 |
| 3011 | 1001 | 1186.92 |
+----+
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).

mysql> select
-> concat('For the city', city, ', the highest rating is : ', max(rating)) from customer
-> group by city;
++
concat('For the city', city, ', the highest rating is : ', max(rating))
++
For the cityLondon, the highest rating is : 100
For the cityRome, the highest rating is : 200
For the citySan Jose, the highest rating is : 300
For the cityBerlin, the highest rating is : 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.



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

mysql> select odate, sum(amt) as total_amt
-> from orders
-> group by odate
-> order by total_amt desc;
++
odate total_amt
++
1990-10-06 11200.95
1990-10-03 8944.59
1990-10-05 4723.00
1990-10-04 1788.98
++
4 rows in set (0.00 sec)
mysql>