

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.

```
mysql> select onum,snum,amt*0.12 as amount from orders;
+-----+-----+-----+
| onum | snum | amount |
+-----+-----+-----+
| 3001 | 1007 | 2.24   |
| 3003 | 1001 | 92.06  |
| 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|
+-----+-----+-----+
9 rows in set (0.03 sec)

mysql>
```

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 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)

mysql>
```

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.

```
mysql> 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)
```

```
mysql> _
```

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

```
mysql> select odate, sum(amt) from orders
-> group by odate
-> order by 2 desc;
```

odate	sum(amt)
1990-10-06	11201.83
1990-10-03	7044.49
1990-10-05	4723.00
1990-10-04	1788.98

```
4 rows in set (0.00 sec)
```

```
mysql> _
```