

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.

```
W1_83862_Akshay>select Onum , Amt*0.12 , $num from orders;
+-----+-----+-----+
| Onum | Amt*0.12 | $num |
+-----+-----+-----+
| 3001 |      2.24 | 1007 |
| 3003 |     92.06 | 1001 |
| 3002 |    228.01 | 1004 |
| 3005 |    619.25 | 1002 |
| 3006 |    131.78 | 1007 |
| 3009 |    205.59 | 1003 |
| 3007 |      9.09 | 1002 |
| 3008 |    566.76 | 1001 |
| 3010 |    157.19 | 1002 |
| 3011 |   1187.03 | 1001 |
+-----+-----+-----+
10 rows in set, 1 warning (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).

```
W1_83862_Akshay>select concat('for the city',' ', City,' ','the highest rating is : ',max(Rating)) from customers group by City;
+-----+-----+-----+
| concat('for the city',' ', City,' ','the highest rating is : ',max(Rating)) |
+-----+-----+-----+
| for the city London the highest rating is : 100 |
| for the city Rome the highest rating is : 200 |
| for the city San Jose the highest rating is : 300 |
| for the city Berlin the highest rating is : 200 |
+-----+-----+-----+
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.

```
W1_83862_Akshay>select Rating,Cname,Cnum from customers order by Rating desc;
+-----+-----+-----+
| Rating | Cname   | Cnum |
+-----+-----+-----+
| 300    | Cisneros | 2008 |
| 200    | Giovanni | 2002 |
| 200    | Liu      | 2003 |
| 200    | Grass    | 2004 |
| 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.

```
W1_83862_Akshay>select distinct Odate,sum(amt) from orders group by Odate;
+-----+-----+
| Odate      | sum(amt) |
+-----+-----+
| 1990-10-03 | 8944.59  |
| 1990-10-04 | 1788.98  |
| 1990-10-05 | 4723.00  |
| 1990-10-06 | 11201.83 |
+-----+-----+
4 rows in set (0.00 sec)
```