

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,(amt*0.12) as comm from orders;
```

Onum	snum	amt	comm
3003	1001	767.19	92.06
3002	1004	1900.00	228.00
3001	1007	18.69	2.24
3002	1002	5160.45	619.25
3006	1007	1098.16	131.78
3009	1003	1713.23	205.59
3007	1002	75.75	9.09
3008	1001	4723.00	566.76
3010	1002	1309.95	157.19
3011	1001	9891.88	1187.03

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 "For the City ",city," the highest rating is : ",max(rating) from customers group by city;
```

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 :	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.

=>

```
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)

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

=>

```
mysql> select odate,count(cnum) from orders group by Odate order by sum(cnum) desc;
```

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odate	count(cnum)
1990-10-03	5
1990-10-06	2
1990-10-04	2
1990-10-05	1