

SQL 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.

```
[kd2_80158_saurabh>Select Onum,Snum,Amt*0.12 "Comm" from orders order by Onum;
+-----+-----+-----+
| Onum | Snum | Comm |
+-----+-----+-----+
| 3001 | 1007 | 2.24 |
| 3002 | 1004 | 228.01 |
| 3003 | 1001 | 92.06 |
| 3005 | 1002 | 619.25 |
| 3006 | 1007 | 131.78 |
| 3007 | 1002 | 9.09 |
| 3008 | 1001 | 566.76 |
| 3009 | 1003 | 205.59 |
| 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)

```
[kd2_80158_saurabh>select concat(concat(concat(concat(concat('For the city',' '),city),','),' the highest rating is :'),max(rating)) "Output" from customers group by city;
+-----+
| Output |
+-----+
| 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 (0.01 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 numb

```
[kd2_80158_saurabh>select rating, cname,cnum from customers order by rating desc;
+-----+-----+-----+
| rating | cname | cnum |
+-----+-----+-----+
| 300 | Grass | 2004 |
| 300 | Cisneros | 2008 |
| 200 | Giovanni | 2002 |
+-----+-----+-----+
[kd2_80158_saurabh>Select Odate, sum(amt) from orders group by Odate order by odate desc;
+-----+-----+
| Odate | sum(amt) |
+-----+-----+
| 1990-10-06 | 11201.83 |
| 1990-10-05 | 4723.00 |
| 1990-10-04 | 1788.98 |
| 1990-10-03 | 8944.59 |
+-----+-----+
4 rows in set (0.00 sec)
```

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