SQL Assignment 13

1. **Create a union of two queries that shows the names, cities, and ratings of all customers. Those with rating of 200 or greater will also have the words "High Rating", while the others will have the words "Low Rating".**

```
[kd2_80158_saurabh>select cname,city,concat(concat(rating,' '),'high rating') from customers where rating >=200
[    -> union
[    -> select cname,city,concat(concat(rating,' '),'low rating') from customers where rating <200;
+----------+----------+------------------------------------------+
| cname    | city     | concat(concat(rating,' '),'high rating') |
+----------+----------+------------------------------------------+
| Giovanni | Rome     | 200 high rating                          |
| Liu      | San Jose | 200 high rating                          |
| Grass    | Berlin   | 300 high rating                          |
| Cisneros | San Jose | 300 high rating                          |
| Hoffman  | London   | 100 low rating                           |
| Clemens  | London   | 100 low rating                           |
| Pereira  | Rome     | 100 low rating                           |
+----------+----------+------------------------------------------+
7 rows in set (0.01 sec)
```

2. **Write a command that produces the name and number of each salesperson and each customer with more than one current order. Put the results in alphabetical order.**

```
[kd2_80158_saurabh>select salespeople.sname Name, count(onum) Number from orders,salespeople where salespeople.snum=orders.snum group by sname,salespeople.snum having count(onum)>]
1 union select customers.cname,count(onum) from orders,customers where customers.cnum=orders.cnum group by cname,customers.cnum having count(onum)>1 order by 1;
+----------+--------+
| Name     | Number |
+----------+--------+
| Cisneros |      2 |
| Clemens  |      2 |
| Grass    |      2 |
| Peel     |      3 |
| Rifkin   |      2 |
| Serres   |      3 |
+----------+--------+
6 rows in set (0.00 sec)
```

3. **Form a union of three queries. Have the first select the sums of all salespeople in San Jose; the second, the chums of all customers in San Jose; and the third the onus of all orders on October 3. Retain duplicates between the last two queries but eliminate any redundancies between either of them and the first.**

```
[kd2_80158_saurabh>select snum from salespeople where city='San Jose'
[    -> union
[    -> select cnum from customers where city='San Jose'
[    -> union
[    -> select onum from orders where odate='1990-10-03';
+------+
| snum |
+------+
| 1002 |
| 2003 |
| 2008 |
| 3001 |
| 3003 |
| 3002 |
| 3005 |
| 3006 |
+------+
8 rows in set (0.00 sec)
```