

SQL ASSIGNMENT -13

ROLL NO-84016

Q1 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"

Ans.

```
D2_84016_Suyash>select cname,city,rating, 'greater' remark from CUSTOMERS where rating>=200 union select cname,city,rating, 'lower' from CUSTOMERS where rating<200;
```

cname	city	rating	remark
Giovanni	Rome	200	greater
Liu	San Jose	200	greater
Grass	Berlin	300	greater
Cisneros	San Jose	300	greater
Hoffman	London	100	lower
Clemens	London	100	lower
Pereira	Rome	100	lower

7 rows in set (0.00 sec)

D2_84016_Suyash>

Q2. Write a command that produces the name and number of salesperson and each customer with more than one current order. Put the results in alphabetical order.

```
D2_84016_Suyash>select sname name,snum num from SALESPeOPLE where snum=Any(select snum from ORDERS group by snum having count(snum)>1) union select cname,cnum from CUSTOMERS where cnum=Any(select cnum from ORDERS group by cnum having count(cnum)>1);
```

name	num
Peel	1001
Serres	1002
Rifkin	1007
Grass	2004
Clemens	2006
Cisneros	2008

6 rows in set (0.00 sec)

D2_84016_Suyash>

Q3. Form a union of three queries. Have the first select the snums of all salespeople in San Jose; the second, the cnums of all customers in San Jose; and the third the onums of all orders on October 3. Retain duplicates between the last two queries but eliminate any redundancies between either of them and the first. (Note: in the sample tables as given, there would be no such redundancy. This is besides the point.)

Ans.

```
D2_84016_Suyash>select snum from SALESPEOPLE WHERE CITY='San Jose' group by snum union select Cnum from CUSTOMERS WHERE CITY='San Jose' union s
elect onum from ORDERS WHERE Odate='1990-10-03';
+-----+
| snum |
+-----+
| 1002 |
| 2003 |
| 2008 |
| 3001 |
| 3003 |
| 3002 |
| 3005 |
| 3006 |
+-----+
8 rows in set (0.00 sec)

D2_84016_Suyash>
```