Assignment – 13

Using the UNION clause.

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”.

select cname, city, 'High Rating' rating from customers where rating >= 200 Union all Select cname,city , 'Low Rating' rating from customers where rating < 200 order by cname;

```
W1_89793_Saurabh>select cname, city, 'High Rating' rating from customers where
rating >= 200 Union all Select cname,city , 'Low Rating' rating from customers
where rating < 200 order by cname;
+----------+----------+-------------+
| cname    | city     | rating      |
+----------+----------+-------------+
| Cisneros | San Jose | High Rating |
| Clemens  | London   | Low Rating  |
| Giovanni | Rome     | High Rating |
| Grass    | Berlin   | High Rating |
| Hoffman  | London   | Low Rating  |
| Liu      | San Jose | High Rating |
| Pereira  | Rome     | Low Rating  |
+----------+----------+-------------+
7 rows in set (0.00 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.

select snum,sname from salespeople where snum = any (select snum from orders group by snum having count(snum)>1) Union all select cnum,cname from customers where snum = any(select snum from orders group by snum having count(snum)>1);

```
W1_89793_Saurabh>select snum,sn
 snum having count(snum)>1) Uni
rom orders group by snum having
+------+----------+
| snum | sname    |
+------+----------+
| 1001 | Peel     |
| 1002 | Serres   |
| 1007 | Rifkin   |
| 2001 | Hoffman  |
| 2003 | Liu      |
| 2004 | Grass    |
| 2006 | Clemens  |
| 2008 | Cisneros |
+------+----------+
8 rows in set (0.00 sec)
```

3) 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.)

Select snum from salespeople where city = "San Jose" Union Select cnum from customers where city = "San Jose" Union All Select onum from orders where date_format(odate, "%d-%m")= "03-10";