

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”.

```
KD4-86647-aman>select cname, city, "High Rating" rating, rating from customers where rating >= 200 union select cname, city, "low rating" ratings, rating from customers where rating <200;
```

cname	city	rating	rating
Giovanni	Rome	High Rating	200
Liu	San jose	High Rating	200
Grass	Berlin	High Rating	300
Cisneros	San jose	High Rating	300
Hoffman	London	low rating	100
Clemens	London	low rating	100
Pereira	Rome	low rating	100

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.

```
KD4-86647-aman>select snum as num, sname as name from salesperson where snum = any(select snum from orders group by snum having count(snum)>1) union select cnum as num, cname as name from customers where cnum= any (select cnum from orders group by cnum having count(cnum)>1) order by 2;
```

num	name
2008	Cisneros
2006	Clemens
2004	Grass
1001	PEEL
1007	RIFKIN
1002	SERRES

6 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.)

```
KD4-86647-aman>select snum from salesperson where city ='san jose' union (se  
lect cnum from customers where city ='san jose' union all select onum from o  
rders where odate='1990-10-03');  
+-----+  
| snum |  
+-----+  
| 1002 |  
| 2003 |  
| 2008 |  
| 3001 |  
| 3003 |  
| 3002 |  
| 3005 |  
| 3006 |  
+-----+  
8 rows in set (0.00 sec)
```