**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”.

**Answer -**

**SELECT cname,**

**city,**

**'HIGH RATING' RATING**

**FROM customers**

**WHERE rating>200**

**UNION**

**SELECT cname,**

**city,**

**'LOW RATING' RATING**

**FROM customers**

**WHERE rating <=200;**

CNAME    CITY    RATING  
  
cisneros    san jose    HIGH RATING  
clemens    london    LOW RATING  
giovanni    rome    LOW RATING  
grass    berliln    HIGH RATING  
hoffman    london    LOW RATING  
liu    san jose    LOW RATING  
pereira    rome    LOW RATING  
  
7 rows selected.  
  
  
**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.

**Answer –**

**SELECT sname,**

**snum,**

**cname**

**FROM salespeople**

**JOIN customers using(snum)**

**WHERE snum IN**

**(SELECT snum**

**FROM customers**

**GROUP BY snum**

**HAVING count(snum)>1)**

**ORDER BY sname,**

**cname**

SNAME    SNUM    CNAME  
  
Seel    1001    Clemens  
Seel    1001    Hoffman  
Serres    1002    G  
Serres    1002    Liu  
  
  
**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.)  
**Answer –**

**SELECT snum**

**FROM salespeople**

**WHERE city='san jose'**

**UNION**

**SELECT DISTINCT snum**

**FROM orders**

**WHERE snum IN**

**(SELECT snum**

**FROM orders**

**WHERE odate LIKE '03-OCT-%');**

SNUM  
 1001  
 1002  
 1004  
 1007