/\*EXPERIMENT NO.6 : SET OPERATIONS\*/

/\*1. List all the customers who are depositors but not borrowers.\*/

SELECT CNAME FROM DEPOSIT MINUS SELECT CNAME FROM BORROW;

/\*2. List all the customers who are both depositors and borrowers\*/

SELECT CNAME FROM DEPOSIT UNION (SELECT CNAME FROM BORROW);

/\*3. List all the depositors having deposit in all the branches where Sunil is having Account\*/

SELECT D1.CNAME FROM DEPOSIT D1 WHERE D1.BNAME IN (SELECT D2.BNAME FROM DEPOSIT D2 WHERE D2.CNAME = 'SUNIL' );

/\*4. List all the customers living in city NAGPUR and having branch city BOMBAY or DELHI\*/

SELECT C1.CNAME FROM CUSTOMER C1,DEPOSIT D1, BRANCH B1 WHERE C1.CITY = 'NAGPUR' AND C1.CNAME = D1.CNAME AND D1.BNAME = B1.BNAME AND B1.CITY IN ('BOMBAY','DELHI');

/\*5. List all the depositors living in city NAGPUR\*/

SELECT Distinct(CUSTOMER.CNAME) from CUSTOMER,DEPOSIT WHERE City='NAGPUR';

/\*6. List all the depositors living in the city NAGPUR and having branch in city BOMBAY\*/

SELECT C1.CNAME FROM CUSTOMER C1,DEPOSIT D1, BRANCH B1 WHERE C1.CITY = 'NAGPUR' AND C1.CNAME = D1.CNAME AND D1.BNAME = B1.BNAME AND B1.CITY IN ('BOMBAY');

/\*7. List the branch cities of Anil and Sunil\*/

SELECT B1.CITY FROM DEPOSIT D1, BRANCH B1 WHERE D1.BNAME = B1.BNAME AND D1.CNAME IN ('SUNIL' ,'ANIL');

/\*11. List all the cities where branches of Anil and Sunil are locate\*/

SELECT B1.CITY FROM BRANCH B1 WHERE B1.BNAME IN (SELECT D1.BNAME FROM DEPOSIT D1 WHERE D1.CNAME IN ('ANIL','SUNIL'));