

## **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'));
```

