

*/*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');

/8. List the customers having deposit greater than 1000 and loan less than 10000./

SELECT DISTINCT D1.CNAME FROM deposit D1, borrow B1 WHERE D1.AMOUNT>1000 AND B1.AMOUNT<10000;

/9. List the cities of depositors having branch VRCE./

SELECT B1.CITY FROM deposit D1, branch B1 WHERE D1.BNAME=B1.BNAME AND B1.BNAME='VRCE';

/10. List the depositors having amount less than 1000 and living in the same city as Anil/

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SELECT D1.CNAME FROM deposit D1, customer C1 WHERE AMOUNT<1000 AND  
C1.CITY=(C1.CNAME='ANIL');
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/11. List all the cities where branches of Anil and Sunil are locate/

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SELECT B1.CITY FROM BRANCH B1 WHERE B1.BNAME IN (SELECT D1.BNAME FROM DEPOSIT D1  
WHERE D1.CNAME IN ('ANIL','SUNIL'));
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/12. List the amount for the depositors living in the city where Anil is living/

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SELECT DISTINCT(D1.CNAME),D1.AMOUNT ,C1.CITY FROM deposit D1, CUSTOMER C1, BRANCH B1  
WHERE D1.CNAME=C1.CNAME AND C1.CITY IN(SELECT C2.CITY FROM customer C2 WHERE  
C2.CNAME='ANIL');
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