**JOICE JOHN** 

**EXPERIMENT 07: JOIN OR CARTESIAN PRODUCT** 

S2 RMCA B

**ROLL NO: 02** 

# 1. Give name of customers having living city BOMBAY and branch city NAGPUR

#### **QUERY**

SELECT D1.CNAME,D1.BNAME,C1.CNAME,C1.CITY,B1.CITY,B1.BNAME FROM deposit D1,customer C1,branch B1 WHERE C1.CITY='BOMBAY' AND B1.CITY='NAGPUR' AND D1.CNAME=C1.CNAME AND D1.BNAME=B1.BNAME;

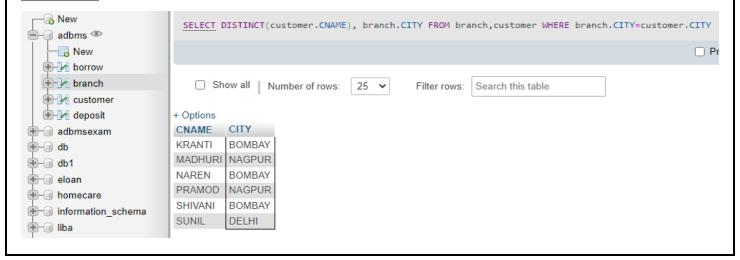
#### **OUTPUT**



# 2. Give names of customers having the same living city as their branch city

# **QUERY**

SELECT DISTINCT(customer.CNAME), branch.CITY FROM branch,customer WHERE branch.CITY=customer.CITY;



3. Give names of customers who are borrowers as well as depositors and having city NAGPUR.

#### **QUERY**

SELECT C1.CNAME FROM customer C1,deposit D1,borrow B1 WHERE C1.CITY='NAGPUR' AND D1.CNAME=B1.CNAME AND C1.CNAME=B1.CNAME;

#### **OUTPUT**



4. Give names of borrowers having deposit amount greater than 1000 and loan amount greater than 2000.

## **QUERY**

SELECT B1.CNAME,B1.AMOUNT,D1.CNAME,D1.AMOUNT FROM borrow B1,deposit D1 WHERE D1.AMOUNT>1000 AND B1.AMOUNT>2000 AND B1.CNAME;

#### **OUTPUT**



5. Give names of depositors having the same branch as the branch of Sunil

# **QUERY**

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

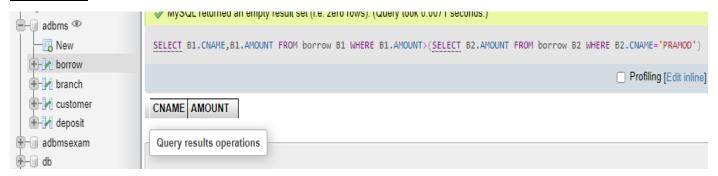


6. Give names of borrowers having loan amount greater than the loan amount of Pramod

## **QUERY**

SELECT B1.CNAME,B1.AMOUNT FROM borrow B1 WHERE B1.AMOUNT>(SELECT B2.AMOUNT FROM borrow B2 WHERE B2.CNAME='PRAMOD');

#### **OUTPUT**



7. Give the name of the customer living in the city where branch of depositor Sunil is located.

## **QUERY**

SELECT C1.CNAME FROM customer C1 WHERE C1.CITY IN(SELECT B1.CITY FROM branch B1 WHERE B1.BNAME IN (SELECT D1.BNAME FROM deposit D1 WHERE D1.CNAME='SUNIL'));



# 8. Give branch city and living city of Pramod

#### **QUERY**

SELECT B1.CITY,C1.CITY FROM branch B1, customer C1,deposit D1 WHERE C1.CNAME='PRAMOD' AND C1.CNAME=D1.CNAME AND B1.BNAME=D1.BNAME;

#### **OUTPUT**

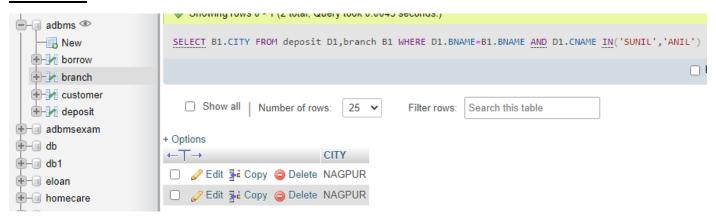


# 9. Give branch city of Sunil and branch city of Anil

### **QUERY**

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

#### **OUTPUT**



# 10. Give the living city of Anil and the living city of Sunil

## **QUERY**

SELECT C1.CNAME, C1.CITY FROM customer C1 WHERE C1.CNAME IN ('SUNIL', 'ANIL');

