**● Write SQL query to solve the problem given below**

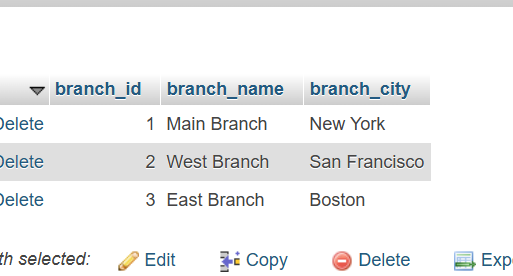
CREATE TABLE Bank ( branch\_id INT PRIMARY KEY, branch\_name VARCHAR(50), branch\_city VARCHAR(50) );

INSERT INTO Bank VALUES

(1, 'Main Branch', 'New York'),

(2, 'West Branch', 'San Francisco'),

(3, 'East Branch', 'Boston');



CREATE TABLE Account\_Holder01 (

account\_holder\_id INT PRIMARY KEY,

account\_no INT,

account\_holder\_name VARCHAR(100),

city VARCHAR(50),

contact VARCHAR(20),

date\_of\_account\_created DATE,

account\_status VARCHAR(20),

account\_type VARCHAR(20),

balance DECIMAL(10, 2)

);

INSERT INTO account\_holder01 VALUES

(1, 'A123', 'John Doe', 'New York', '123-456-7890', '2023-06-10', 'active', 'savings', 1000.00),

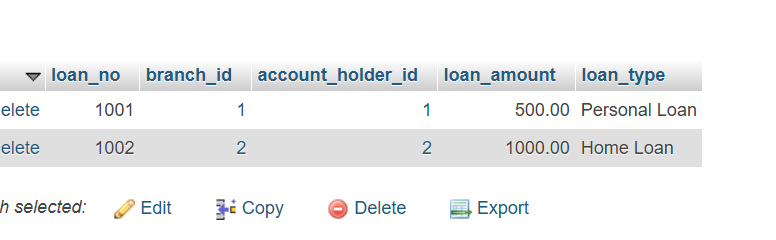
(2, 'B456', 'Jane Smith', 'New York', '234-567-8901', '2023-07-20', 'active', 'savings', 1500.00),

(3, 'C789', 'Sam Wilson', 'San Francisco', '345-678-9012', '2023-06-25', 'active', 'checking',1200.00);



CREATE TABLE Loan ( loan\_no INT PRIMARY KEY, branch\_id INT, account\_holder\_id INT, loan\_amount DECIMAL(10, 2), loan\_type VARCHAR(50), FOREIGN KEY (branch\_id) REFERENCES Bank(branch\_id), FOREIGN KEY (account\_holder\_id) REFERENCES Account\_Holder01(account\_holder\_id) );

INSERT INTO Loan VALUES (1001, 1, 1, 500.00, 'Personal Loan'), (1002, 2, 2, 1000.00, 'Home Loan');



**1. Intra-Bank Transfer**

UPDATE account\_holder01

SET balance = balance - 100

WHERE account\_no = 'A123';

UPDATE account\_holder01

SET balance = balance + 100

WHERE account\_no = 'B456';

**2. Account Holders from the Same City**

SELECT \* FROM Account\_Holder01 WHERE city = 'New York';

**3. Accounts Created After 15th of Any Month**

SELECT account\_no, account\_holder\_name FROM account\_holder01

WHERE DAY(date\_of\_account\_created) >= 15;

**4. City and Branch Count**

SELECT branch\_city, COUNT(branch\_id) AS Count\_Branch

FROM Bank

GROUP BY branch\_city;

**5. Account Holder Details and Loan Information**

SELECT account\_holder\_id, account\_holder\_name, branch\_id,loan\_amount

FROM Account\_Holder01

JOIN Loan ON account\_holder\_id = account\_holder\_id

JOIN Bank ON branch\_id = branch\_id;