1. Create Tables:

```
-- Bank table
CREATE TABLE Bank (
    branch_id INT PRIMARY KEY,
    branch_name VARCHAR(100),
    branch_city VARCHAR(100)
);

-- Account Holder table
CREATE TABLE Account_Holder (
    account_holder_id INT PRIMARY KEY,
    account_no VARCHAR(20) UNIQUE,
    account_holder_name VARCHAR(100),
    city VARCHAR(100),
    contact VARCHAR(15),
    date_of_account_created DATE,
    account_status VARCHAR(20),
    account_type VARCHAR(50),
    balance DECIMAL(12,2)
);

-- Loan table
CREATE TABLE Loan (
    loan_no INT PRIMARY KEY,
    branch_id INT,
```

```
    account_holder_id INT,
    loan_amount DECIMAL(12,2),
    loan_type VARCHAR(50),
    FOREIGN KEY (branch_id) REFERENCES Bank(branch_id),
    FOREIGN KEY (account_holder_id) REFERENCES
Account_Holder(account_holder_id)
);
```

2. Intra-Bank Fund Transfer Transaction (from Account A to B)

```
START TRANSACTION;

-- Debit from account A
UPDATE Account_Holder
SET balance = balance - 100
WHERE account_no = 'ACC1001' AND balance >= 100;

-- Credit to account B
UPDATE Account_Holder
SET balance = balance + 100
WHERE account_no = 'ACC1002';

-- Commit the transaction
COMMIT;
```

3. Fetch Account Holders from Same City (Self-Join)

```
SELECT
   A1.account_holder_name AS Person1,
   A2.account_holder_name AS Person2,
   A1.city
FROM Account_Holder A1
JOIN Account_Holder A2
 ON A1.city = A2.city AND A1.account_holder_id <
A2.account_holder_id;
```

4. Account Numbers and Names Where Account Created After 15th of Any Month

```
SELECT account_no, account_holder_name
FROM Account_Holder
WHERE DAY(date_of_account_created) > 15;
```

5. Display City Name and Count of Branches

```
SELECT branch_city, COUNT(*) AS Count_Branch
FROM Bank
GROUP BY branch_city;
```

6. Account Holder's ID, Name, Branch ID, and Loan Amount

```
SELECT
   ah.account_holder_id,
   ah.account_holder_name,
```

```
    l.branch_id,
    l.loan_amount
FROM Account_Holder ah
JOIN Loan l ON ah.account_holder_id = l.account_holder_id;
```