CREATE TABLE BRANCH (

branch\_name VARCHAR(100) PRIMARY KEY,

branch\_city VARCHAR(100),

assets REAL

);

CREATE TABLE ACCOUNT (

accno INT PRIMARY KEY,

branch\_name VARCHAR(100),

balance REAL,

FOREIGN KEY (branch\_name) REFERENCES BRANCH(branch\_name) ON DELETE CASCADE

);

CREATE TABLE CUSTOMER (

customer\_name VARCHAR(100) PRIMARY KEY,

customer\_street VARCHAR(100),

customer\_city VARCHAR(100)

);

CREATE TABLE LOAN (

loan\_number INT PRIMARY KEY,

branch\_name VARCHAR(100),

amount REAL,

FOREIGN KEY (branch\_name) REFERENCES BRANCH(branch\_name) ON DELETE CASCADE

);

CREATE TABLE BORROWER (

customer\_name VARCHAR(100),

loan\_number INT,

PRIMARY KEY (customer\_name, loan\_number),

FOREIGN KEY (customer\_name) REFERENCES CUSTOMER(customer\_name),

FOREIGN KEY (loan\_number) REFERENCES LOAN(loan\_number) ON DELETE CASCADE

);

CREATE TABLE DEPOSITOR (

customer\_name VARCHAR(100),

accno INT,

FOREIGN KEY (customer\_name) REFERENCES CUSTOMER(customer\_name),

FOREIGN KEY (accno) REFERENCES ACCOUNT(accno) ON DELETE CASCADE

);

INSERT INTO BRANCH (branch\_name, branch\_city, assets) VALUES ('Branch1', 'pilibhit', 100000.50);

INSERT INTO BRANCH (branch\_name, branch\_city, assets) VALUES ('Branch2', 'Aligarh', 75000.25);

INSERT INTO BRANCH (branch\_name, branch\_city, assets) VALUES ('Branch3', 'pilibhit', 125000.75);

INSERT INTO BRANCH (branch\_name, branch\_city, assets) VALUES ('Branch4', 'delhi', 90000.00);

INSERT INTO BRANCH (branch\_name, branch\_city, assets) VALUES ('Branch5', 'pilibhit', 80000.75);

INSERT INTO ACCOUNT (accno, branch\_name, balance) VALUES (1, 'Branch1', 50000.50);

INSERT INTO ACCOUNT (accno, branch\_name, balance) VALUES (2, 'Branch2', 30000.25);

INSERT INTO ACCOUNT (accno, branch\_name, balance) VALUES (3, 'Branch3', 70000.75);

INSERT INTO ACCOUNT (accno, branch\_name, balance) VALUES (4, 'Branch4', 60000.00);

INSERT INTO ACCOUNT (accno, branch\_name, balance) VALUES (5, 'Branch5', 40000.75);

INSERT INTO CUSTOMER (customer\_name, customer\_street, customer\_city) VALUES ('Shuja', 'Bhoorey khan', 'pilibhit');

INSERT INTO CUSTOMER (customer\_name, customer\_street, customer\_city) VALUES ('Yusuf', 'VM Hall', 'Aligarh');

INSERT INTO CUSTOMER (customer\_name, customer\_street, customer\_city) VALUES ('saim', 'Marris road', 'pilibhit');

INSERT INTO CUSTOMER (customer\_name, customer\_street, customer\_city) VALUES ('moaz', 'Tilak Nagar', 'delhi');

INSERT INTO CUSTOMER (customer\_name, customer\_street, customer\_city) VALUES ('danish', 'Bhoorey khan', 'pilibhit');

INSERT INTO LOAN (loan\_number, branch\_name, amount) VALUES (101, 'Branch1', 25000.75);

INSERT INTO LOAN (loan\_number, branch\_name, amount) VALUES (102, 'Branch2', 15000.25);

INSERT INTO LOAN (loan\_number, branch\_name, amount) VALUES (103, 'Branch3', 30000.50);

INSERT INTO LOAN (loan\_number, branch\_name, amount) VALUES (104, 'Branch4', 20000.75);

INSERT INTO LOAN (loan\_number, branch\_name, amount) VALUES (105, 'Branch5', 18000.25);

INSERT INTO BORROWER (customer\_name, loan\_number) VALUES ('Shuja', 101);

INSERT INTO BORROWER (customer\_name, loan\_number) VALUES ('Yusuf', 102);

INSERT INTO BORROWER (customer\_name, loan\_number) VALUES ('saim', 103);

INSERT INTO BORROWER (customer\_name, loan\_number) VALUES ('moaz', 104);

INSERT INTO BORROWER (customer\_name, loan\_number) VALUES ('danish', 105);

INSERT INTO DEPOSITOR (customer\_name, accno) VALUES ('Shuja', 1);

INSERT INTO DEPOSITOR (customer\_name, accno) VALUES ('Yusuf', 2);

INSERT INTO DEPOSITOR (customer\_name, accno) VALUES ('saim', 3);

INSERT INTO DEPOSITOR (customer\_name, accno) VALUES ('moaz', 4);

INSERT INTO DEPOSITOR (customer\_name, accno) VALUES ('danish', 5);

SELECT \* FROM CUSTOMER;

SELECT \* FROM branch;

SELECT \* FROM ACCOUNT;

SELECT \* FROM DEPOSITOR;

SELECT \* FROM BORROWER;

SELECT \* FROM LOAN;

SELECT DISTINCT C.customer\_name

FROM CUSTOMER C

JOIN DEPOSITOR D ON C.customer\_name = D.customer\_name

JOIN ACCOUNT A ON D.accno = A.accno

JOIN BRANCH B ON A.branch\_name = B.branch\_name

WHERE B.branch\_city = 'pilibhit'

GROUP BY C.customer\_name

HAVING COUNT(DISTINCT A.accno) >= 2;

SELECT \* FROM CUSTOMER;

SELECT DISTINCT C.customer\_name

FROM CUSTOMER C

JOIN DEPOSITOR D ON C.customer\_name = D.customer\_name

JOIN ACCOUNT A ON D.accno = A.accno

JOIN BRANCH B ON A.branch\_name = B.branch\_name

WHERE B.branch\_city = 'pilibhit';

SELECT \* FROM ACCOUNT;

DELETE FROM ACCOUNT

WHERE branch\_name IN (

SELECT branch\_name

FROM BRANCH

WHERE branch\_city = 'pilibhit'

);

SELECT \* FROM ACCOUNT;