```sql
CREATE DATABASE bank_database_sony;

USE bank_database_sony;


CREATE TABLE branch(

	branch_name VARCHAR(30),

  branch_city VARCHAR(10),

  assets REAL,

  PRIMARY KEY(branch_name)

  );


CREATE TABLE bank_account(

	acc_no INT,

  branch_name VARCHAR(30),

  balance REAL,

  PRIMARY KEY(acc_no,branch_name)
```

```sql
    );


CREATE TABLE bank_customer(

      customer_name VARCHAR(10),

  customer_street VARCHAR(10),

  customer_city VARCHAR(10),

  PRIMARY KEY(customer_name,customer_street,customer_city)

    );


CREATE TABLE depositer(

      customer_name VARCHAR(10),

  acc_no INT,

  PRIMARY KEY(acc_no,customer_name),

  FOREIGN KEY(customer_name)REFERENCES
bank_customer(customer_name) ON DELETE CASCADE,
```

```sql
        FOREIGN KEY(acc_no)REFERENCES bank_account(acc_no) ON DELETE CASCADE

    );


CREATE TABLE loan(

        loan_number INT,

    branch_name VARCHAR(30),

    amount REAL,

    PRIMARY KEY(loan_number),

    foreign key(branch_name)REFERENCES branch(branch_name) ON DELETE CASCADE

    );


INSERT INTO branch

VALUE("SBI_CHAMRAJPET","BANGALORE","50000"),

("SBI_RESIDENCY_ROAD","BANGALORE","10000"),
```

```sql
("SBI_SHIVAJI_ROAD","BOMBAY","20000"),

("SBI_PARLIAMENT_ROAD","DELHI","10000"),

("SBI_JANTAR_MANTAR","DELHI","20000");


INSERT INTO bank_account

VALUE("1","SBI_CHAMRAJPET","2000"),

("2","SBI_RESIDENCY_ROAD","5000"),

("3","SBI_SHIVAJI_ROAD","6000"),

("4","SBI_PARLIAMENT_ROAD","9000"),

("5","SBI_JANTAR_MANTAR","8000"),

("6","SBI_SHIVAJI_ROAD","4000"),

("8","SBI_RESIDENCY_ROAD","4000"),

("9","SBI_PARLIAMENT_ROAD","3000"),

("10","SBI_RESIDENCY_ROAD","5000"),

("11","SBI_JANTAR_MANTAR","2000");
```

```sql
ALTER TABLE bank_customer

MODIFY customeR_street VARCHAR(20);


INSERT INTO bank_customer

VALUE("AVINASH","BULL_TEMPLE_ROAD","BANGALORE"),

("DINESH","BANNERGATTA_ROAD","BANGALORE"),

("MOHAN","NATIONALCOLLEGE_ROAD","BANGALORE"),

("NIKIL","AKBAR_ROAD","DELHI"),

("RAVI","PRITHVIRAJ_ROAD","DELHI");


INSERT INTO depositer

VALUE("AVINASH","1"),

("DINESH","2"),

("NIKIL","4"),
```

```
("RAVI","5"),

("AVINASH","8"),

("NIKIL","9"),

("DINESH","10"),

("NIKIL","11");


INSERT INTO loan

VALUE("1","SBI_CHAMRAJPET","1000"),

("2","SBI_RESIDENCY_ROAD","2000"),

("3","SBI_SHIVAJI_ROAD","3000"),

("4","SBI_PARLIAMENT_ROAD","4000"),

("5","SBI_JANTAR_MANTAR","5000"),

("6","SBI_SHIVAJI_ROAD","3000"),

("7","SBI_PARLIAMENT_ROAD","4000"),

("8","SBI_RESIDENCY_ROAD","2000");
```

```sql
SELECT branch_name,assets/100000 assets_in_lakhs

FROM branch;



create view total_loan

as

SELECT l.branch_name, sum(amount)

from loan l

group by l.branch_name;



select * from total_loan;
```

```sql
UPDATE  bank_account b,bank_customer,depositer

SET balance=balance+1000

WHERE b.acc_no=depositer.acc_no AND

 depositer.customer_name=bank_customer.customer_name AND

 bank_customer.customer_city="BANGALORE";



select *

from bank_account;



select d.customer_name

from depositer d,bank_account a,branch b

where d.acc_no=a.acc_no AND a.branch_name=b.branch_name

group by d.customer_name

having count(*)>=2;
```

branch_name	assets_in_lakhs
SBI_CHAMRAJPET	50000
SBI_JANTAR_MANTAR	20000
SBI_PARLIAMENT_ROAD	10000
SBI_RESIDENCY_ROAD	10000
SBI_SHIVAJI_ROAD	20000
NULL	NULL

acc_no	branch_name	balance
1	SBI_CHAMRAJPET	3000
2	SBI_RESIDENCY_ROAD	6000
3	SBI_SHIVAJI_ROAD	6000
4	SBI_PARLIAMENT_ROAD	9000
5	SBI_JANTAR_MANTAR	8000
6	SBI_SHIVAJI_ROAD	4000

customer_name
AVINASH
DINESH
NIKIL

branch_name	assets_in_lakhs
SBI_CHAMRAJPET	0.5
SBI_JANTAR_MANTAR	0.2
SBI_PARLIAMENT_ROAD	0.1
SBI_RESIDENCY_ROAD	0.1
SBI_SHIVAJI_ROAD	0.2

branch_name	sum(amount)
SBI_CHAMRAJPET	1000
SBI_JANTAR_MANTAR	5000
SBI_PARLIAMENT_ROAD	8000
SBI_RESIDENCY_ROAD	4000
SBI_SHIVAJI_ROAD	6000