```
show databases;

create database BANK1;

use BANK1;

create table branch (branch_name varchar(30) primary key, branch_city varchar(30),

assets decimal(10,2));


create table bankaccount(accno int primary key, branch_name varchar(30),

balance decimal(10,2),

foreign key(branch_name) references branch(branch_name));


create table bankcustomer(customer_name varchar(30) primary key,

customer_street varchar(30), customer_city varchar(30));


create table depositor(customer_name varchar(30), accno int,

primary key(customer_name, accno),

foreign key(customer_name) references bankcustomer(customer_name),

foreign key(accno) references bankaccount(accno));


create table loan(loan_number int primary key,

branch_name varchar (30), amount decimal(15,2),

foreign key(branch_name) references branch(branch_name));


INSERT INTO branch (branch_name, branch_city, assets) VALUES

('SBI_Chamrajpet', 'Bangalore', 50000),

('SBI_ResidencyRoad', 'Bangalore', 10000),

('SBI_ShivajiRoad', 'Bombay', 20000),

('SBI_ParlimentRoad', 'Delhi', 20000),

('SBI_Jantarmantar', 'Delhi', 20000);


select*from branch;
```

branch_name	branch_city	assets
SBI_Chamrajpet	Bangalore	50000.00
SBI_Jantarmantar	Delhi	20000.00
SBI_ParlimentRoad	Delhi	20000.00
SBI_ResidencyRoad	Bangalore	10000.00
SBI_ShivajiRoad	Bombay	20000.00
NULL	NULL	NULL

INSERT INTO BankAccount (accno, branch_name, balance) VALUES

(1, 'SBI_Chamrajpet', 2000),

(2, 'SBI_ResidencyRoad', 5000),

(3, 'SBI_ShivajiRoad', 6000),

(4, 'SBI_ParlimentRoad', 8000),

(5, 'SBI_Jantarmantar', 8000),

(6, 'SBI_ShivajiRoad', 4000),

(7, 'SBI_ResidencyRoad', 5000),

(8, 'SBI_ParlimentRoad', 3000),

(9, 'SBI_ResidencyRoad', 5000),

(10, 'SBI_ResidencyRoad', 5000),

(11, 'SBI_Jantarmantar', 2000);

select*from bankaccount;

accno	branch_name	balance
1	SBI_Chamrajpet	2000.00
2	SBI_ResidencyRoad	5000.00
3	SBI_ShivajiRoad	6000.00
4	SBI_ParlimentRoad	8000.00
5	SBI_Jantarmantar	8000.00
6	SBI_ShivajiRoad	4000.00
7	SBI_ResidencyRoad	5000.00
8	SBI_ParlimentRoad	3000.00
9	SBI_ResidencyRoad	5000.00
10	SBI_ResidencyRoad	5000.00
11	SBI_Jantarmantar	2000.00
NULL	NULL	NULL

INSERT INTO BankCustomer (customer_name, customer_street, customer_city) VALUES

('Avinash', 'Bull_Temple_Road', 'Bangalore'),

('Dinesh', 'Bannergatta_Road', 'Bangalore'),

('Mohan', 'NationalCollege_Road', 'Bangalore'),
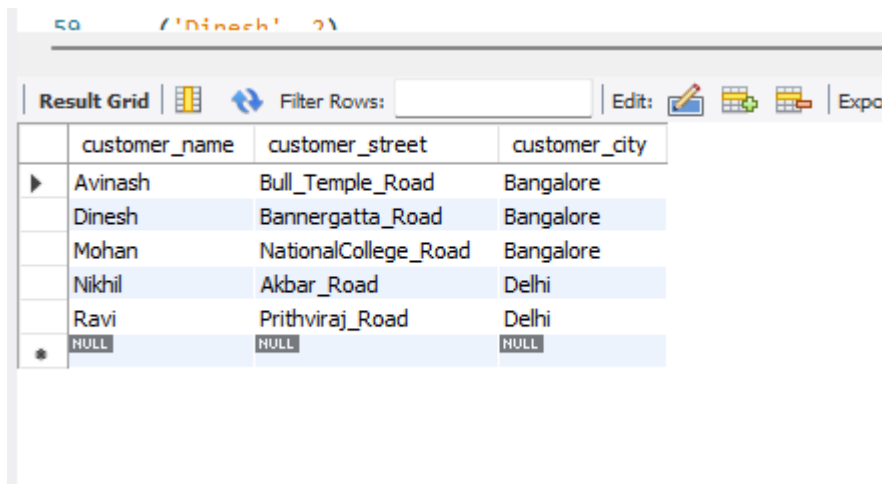
('Nikhil', 'Akbar_Road', 'Delhi'),

('Ravi', 'Prithviraj_Road', 'Delhi');

select*from bankcustomer;

INSERT INTO Depositor (customer_name, accno) VALUES

('Avinash', 1),

('Dinesh', 2),

('Nikhil', 4),

('Ravi', 5),

('Avinash', 8),

('Nikhil', 9),

('Dinesh', 10),

('Nikhil', 11);

select*from depositor;

customer_name	accno
Avinash	1
Dinesh	2
Nikhil	4
Ravi	5
Avinash	8
Nikhil	9
Dinesh	10
Nikhil	11
NULL	NULL

INSERT INTO Loan (loan_number, branch_name, amount) VALUES

(1, 'SBI_Chamrajpet', 1000),

(2, 'SBI_ResidencyRoad', 2000),

(3, 'SBI_ShivajiRoad', 3000),

(4, 'SBI_ParlimentRoad', 4000),

(5, 'SBI_Jantarmantar', 5000);

select*from loan;

loan_number	branch_name	amount
1	SBI_Chamrajpet	1000.00
2	SBI_ResidencyRoad	2000.00
3	SBI_ShivajiRoad	3000.00
4	SBI_ParlimentRoad	4000.00
5	SBI_Jantarmantar	5000.00
NULL	NULL	NULL

select branch_name, assets as assets_in_lakhs

from branch;

branch_name	assets_in_lakhs
SBI_Chamrajpet	50000.00
SBI_Jantarmantar	20000.00
SBI_ParlimentRoad	20000.00
SBI_ResidencyRoad	10000.00
SBI_ShivajiRoad	20000.00
NULL	NULL

select d.customer_name

from bankaccount b, depositor d

where b.accno=d.accno

group by d.customer_name

having count(*)>1;

customer_name
Avinash
Dinesh
Nikhil

create view loans_at_branch

as select branch_name, SUM(amount)

from loan

group by branch_name;

select*from loans_at_branch

branch_name	SUM(amount)
SBI_Chamrajpet	1000.00
SBI_Jantarmantar	5000.00
SBI_ParlimentRoad	4000.00
SBI_ResidencyRoad	2000.00
SBI_ShivajiRoad	3000.00