CREATE database Bank\_Database\_CS154;

SHOW DATABASES;

use Bank\_Database\_CS154;

create table Branch(branch\_name varchar(20),

city varchar(20),

assets varchar(20),

primary key(branch\_name));

create table BankAccount(accno varchar(20),

branch\_name varchar(20),

balance varchar(20),

primary key(accno,branch\_name),

foreign key(branch\_name) references Branch(branch\_name));

create table BankCustomer(name varchar(20),street varchar(20),city varchar(20),

primary key(name));

create table Depositer(name varchar(20),

accno varchar(20),

primary key(name,accno),

foreign key(accno) references BankAccount(accno));

create table Loan(loan\_number varchar(20),

branch\_name varchar(20),

amount varchar(20),

primary key(loan\_number,branch\_name),

foreign key(branch\_name) references Branch(branch\_name));

insert into Branch values("SBI\_Chamarajpet","Bangalore",50000);

insert into Branch values("SBI\_ResidencyRoad",'Banagalore',10000);

insert into Branch values("SBI\_ShivajiRoad",'Bombay',20000);

insert into Branch values("SBI\_ParliamentRoad",'Delhi',10000);

insert into Branch values("SBI\_JantarMantar",'Delhi',20000);

insert into BankAccount values(1,"SBI\_Chamarajpet",2000);

insert into BankAccount values(2,"SBI\_ResidencyRoad",5000);

insert into BankAccount values(3,"SBI\_ShivajiRoad",6000);

insert into BankAccount values(4,"SBI\_ParliamentRoad",9000);

insert into BankAccount values(5,"SBI\_JantarMantar",8000);

insert into BankAccount values(6,"SBI\_ShivajiRoad",4000);

insert into BankAccount values(8,"SBI\_ResidencyRoad",8000);

insert into BankAccount values(9,"SBI\_ParliamentRoad",8000);

insert into BankAccount values(10,"SBI\_ResidencyRoad",8000);

insert into BankAccount values(11,"SBI\_JantarMantar",8000);

insert into BankCustomer values("Avinash", "Bull temple road","Bangalore" );

insert into BankCustomer values("Dinesh", "Bannerghatta Road","Bangalore" );

insert into BankCustomer values("Mohan", "NationalCollegeRoad","Bangalore" );

insert into BankCustomer values("Nikhil", "Akbar Road","Delhi" );

insert into BankCustomer values("Ravi", "Prithviraj Road","Delhi" );

insert into Depositer values("Avinash", 1);

insert into Depositer values("Dinesh", 2);

insert into Depositer values("Mohan", 3);

insert into Depositer values("Nikhil", 4);

insert into Depositer values("Ravi", 5);

insert into Depositer values("Avinash", 8);

insert into Depositer values("Nikhil", 9);

insert into Depositer values("Dinesh", 10);

insert into Depositer values("Nikhil", 11);

insert into Loan values(1, "SBI\_Chamarajpet", 1000);

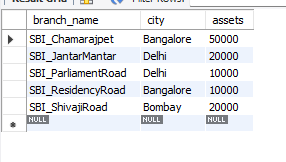
insert into Loan values(2, "SBI\_ResidencyRoad", 2000);

insert into Loan values(3, "SBI\_ShivajiRoad", 3000);

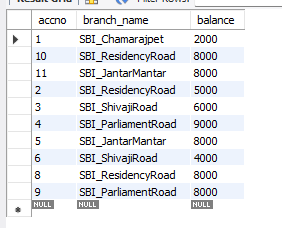
insert into Loan values(4, "SBI\_ParliamentRoad", 4000);

insert into Loan values(5, "SBI\_Jantarmantar", 5000);

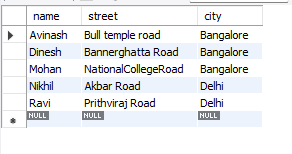
select \* from Branch;



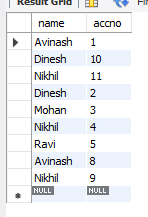
select \* from BankAccount;



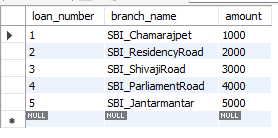
select \* from BankCustomer;



select \* from Depositer;

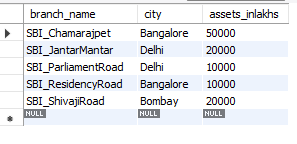


select \*from Loan;



alter table Branch change assets assets\_inlakhs real;

select \* from Branch;



select d.name from Depositer d, BankAccount b

where b.branch\_name="SBI\_ResidencyRoad" and

d.accno =b.accno group by d.name having count(d.accno)>=2;



create view br as select branch\_name, sum(amount)

from loan group by branch\_name;

select \* from br;

