show databases;

create database bank155;

use bank155;

create table branch(

name varchar(30),

city varchar(35),

assets varchar(25),

primary key(name)

);

desc branch;

create table bankaccount(

accno int,

name varchar(30),

balance int,

primary key(accno),

foreign key(name) references branch(name)

);

desc bankaccount;

create table bank\_customer(

customer\_name varchar(30),

customer\_street varchar(25),

customer\_city varchar(40),

primary key(customer\_name)

);

desc bank\_customer;

create table depositer(

customer\_name varchar(30),

accno int,

primary key(customer\_name,accno),

foreign key(customer\_name) references bank\_customer(customer\_name),

foreign key(accno) references bankaccount(accno)

);

desc depositer;

create table loan(

loan\_number int,

name varchar(30),

amount int,

primary key(loan\_number),

foreign key(name) references branch(name)

);

desc loan;

insert into branch values("sbi\_ch","blr",50000);

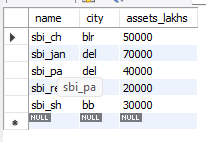
insert into branch values("sbi\_re","blr",20000);

insert into branch values("sbi\_sh","bb",30000);

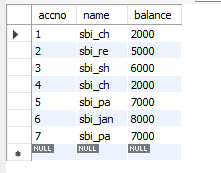
insert into branch values("sbi\_pa","del",40000);

insert into branch values("sbi\_jan","del",70000);

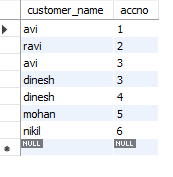
select \* from branch;



select \*from bank\_customer;



select \* from depositer;



insert into loan values(1,"sbi\_ch",1000);

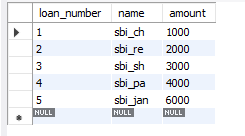
insert into loan values(2,"sbi\_re",2000);

insert into loan values(3,"sbi\_sh",3000);

insert into loan values(4,"sbi\_pa",4000);

insert into loan values(5,"sbi\_jan",6000);

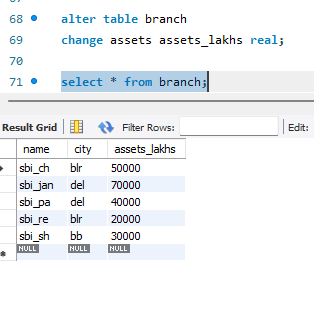
select \* from loan;



alter table branch

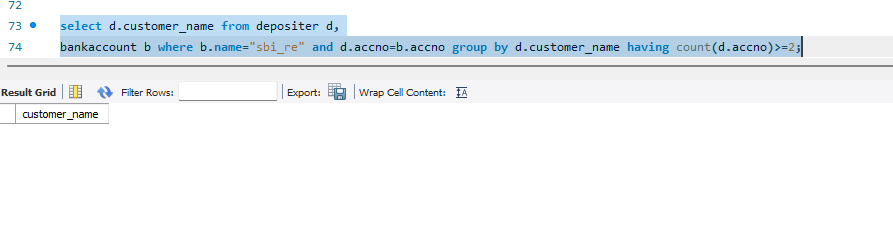
change assets assets\_lakhs real;

select \* from branch;



select d.customer\_name from depositer d,

bankaccount b where b.name="sbi\_re" and d.accno=b.accno group by d.customer\_name having count(d.accno)>=2;



SELECT d.customer\_name

FROM depositer d

JOIN bankaccount b ON d.accno = b.accno

WHERE b.name = 'sbi\_re'

GROUP BY d.customer\_name

HAVING COUNT(d.accno) >= 2;

CREATE VIEW br AS

SELECT name, SUM(amount) AS total\_amount

FROM loan

GROUP BY name;

select \* from br;

