BANK DATABASE

1BM21CS222

create database bank;

use bank;

create table branch(

name varchar(20) primary key,

city varchar(20),

assets real);

create table bank\_Account(

account\_no int,

branch\_name varchar(20) , balance real,

primary key(account\_no,branch\_name),

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

create table customer(

customer\_name varchar(20),

customer\_street varchar(20),

city varchar(20));

alter table customer

add primary key(customer\_name);

create table depositor(

customer\_name varchar(20),

account\_no int,

primary key(customer\_name,account\_no),

foreign key(customer\_name) references customer(customer\_name) on delete cascade,

foreign key(account\_no) references bank\_account(account\_no) on delete cascade);

create table loan(

loan\_no int , branch\_name varchar(20) primary key,amount real,

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

select \*from customer;

insert into branch values ('SBI\_Chamarajpet','Bengalore',50000);

insert into branch values('SBI\_ResidencyRoad','Bengalore',10000);

insert into branch values('SBI\_ShivajiRoad','Bengalore',20000);

insert into branch values('SBI\_ParlimentRoad','Delhi',10000);

insert into branch values('SBI\_Jantarmantar','Delhi',20000);

insert into bank\_account values (1,'SBI\_Chamarajpet',2000);

insert into bank\_account values(2,'SBI\_ResidencyRoad',5000);

insert into bank\_account values(3,'SBI\_ShivajiRoad',6000);

insert into bank\_account values(4,'SBI\_ParlimentRoad',9000);

insert into bank\_account values(5,'SBI\_Jantarmantar',8000);

insert into bank\_account values(6,'SBI\_ShivajiRoad',4000);

insert into bank\_account values(8,'SBI\_ResidencyRoad',4000);

insert into bank\_account values(9,'SBI\_ParlimentRoad',3000);

insert into bank\_account values(10,'SBI\_ResidencyRoad',5000);

insert into bank\_account values(11,'SBI\_Jantarmantar',2000);

insert into customer values ('Avinash','Bull\_Temple\_Road','Bangalore');

insert into customer values('Dinesh','Bannergatta\_Road','Bangalore');

insert into customer values('Mohan','NationalCollege\_Road','Bangalore');

insert into customer values('Nikil','Akbar\_Road','Delhi');

insert into customer values('Ravi','Prithviraj\_Road','Delhi');

insert into depositor values('Avinash',1);

insert into depositor values('Dinesh',2);

insert into depositor values('Nikil',4);

insert into depositor values('Ravi',5);

insert into depositor values('Avinash',8);

insert into depositor values('Nikil',9);

insert into depositor values('Dinesh',10);

insert into depositor values('Nikil',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\_ParlimentRoad',4000);

insert into loan values(5,'SBI\_Jantarmantar',5000);

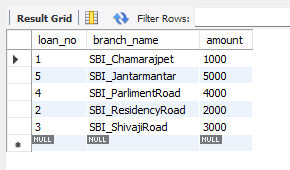
select \* from loan;

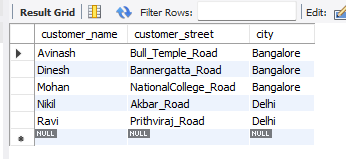
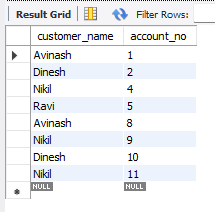
select \* from depositor;

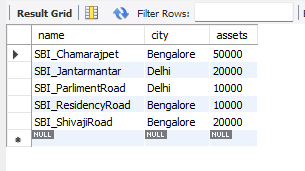
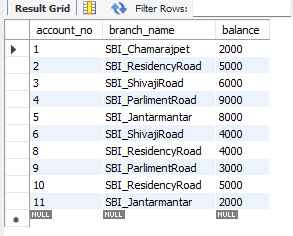
select \* from customer;

select \* from bank\_account;

select \* from branch;







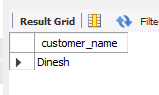
select distinct customer\_name

from depositor d, bank\_account b

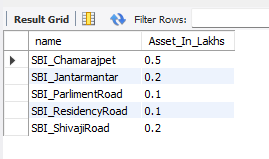
where d.account\_no= b.account\_no

and branch\_name ='SBI\_ResidencyRoad'

having count(customer\_name)>=2;



select name,assets/100000 as Asset\_In\_Lakhs from branch;



create view loansum as

select branch\_name,sum(amount)

from loan

group by branch\_name;

SELECT \* FROM loansum;

