create database bank;

use bank;

create table branch (

branch\_name varchar(25),

branch\_city varchar(15),

assets int,

primary key (branch\_name)

);

create table bank\_account (

accno int,

branch\_name varchar(25),

balance int,

primary key (accno),

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

);

create table bank\_customer (

customer\_name varchar(10),

customer\_street varchar(25),

customer\_city varchar(15),

primary key (customer\_name)

);

create table depositer (

customer\_name varchar(10),

accno int,

primary key(customer\_name, accno),

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

foreign key (accno) references bank\_account(accno)

);

create table loan (

loan\_number int,

branch\_name varchar(25),

amount int,

primary key (loan\_number),

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

);

insert into branch values('SBI\_Chamrajpet', 'Bangalore', 50000);

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

commit;

insert into bank\_account values(1, 'SBI\_Chamrajpet', 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\_ParliamentRoad', 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\_ParliamentRoad', 3000);

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

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

commit;

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

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

insert into bank\_customer values ('Mohan', 'National\_College\_Road', 'Bangalore');

insert into bank\_customer values ('Nikhil', 'Akbar\_Road', 'Delhi');

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

commit;

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

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

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);

commit;

insert into loan values(1, 'SBI\_Chamrajpet', 1000);

insert into loan values(2, 'SBI\_ResidencyRoad', 2000);

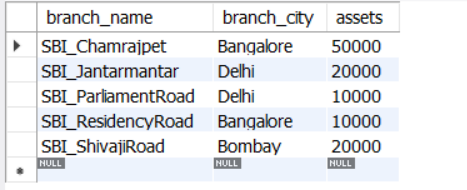
insert into loan values(3, 'SBI\_ShivajiRoad', 3000);

insert into loan values(4, 'SBI\_ParliamentRoad', 4000);

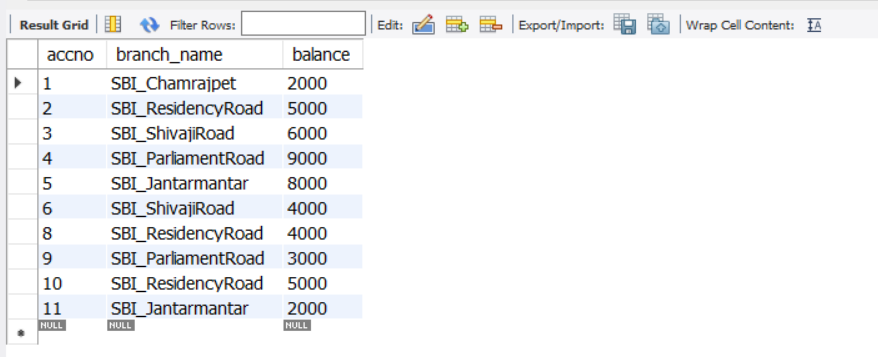
insert into loan values(5, 'SBI\_Jantarmantar', 5000);

commit;

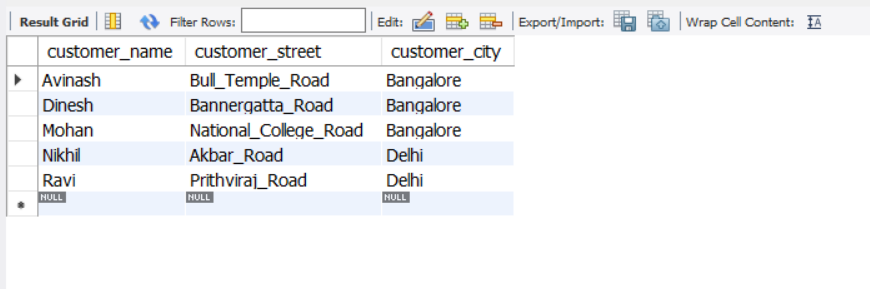
select \* from branch;



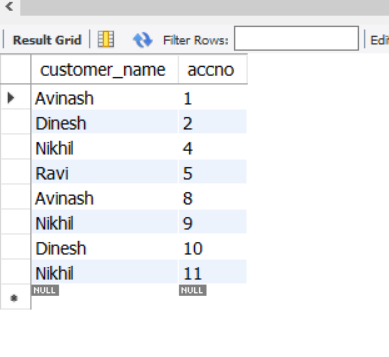
select \* from bank\_account;



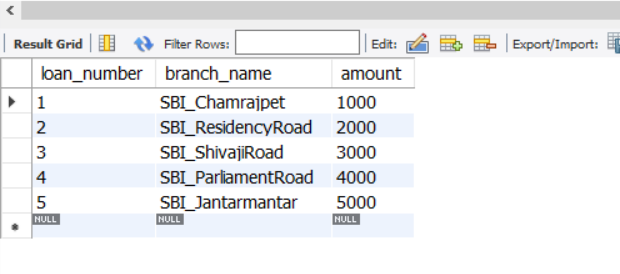
select \* from bank\_customer;



select \* from depositer;



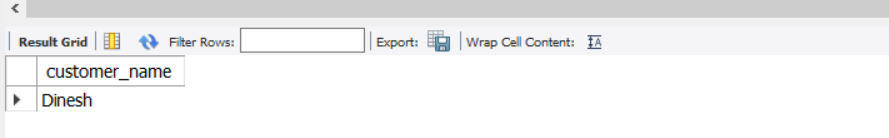
select \* from loan;



-- Query 3

select distinct c.customer\_name from bank\_customer c,bank\_account b where exists(select d.customer\_name,count(d.customer\_name) from depositer d,bank\_account ba where ba.accno = d.accno and

c.customer\_name = d.customer\_name and ba.branch\_name = 'SBI\_ResidencyRoad' group by d.customer\_name having count(d.customer\_name)>=2);



-- Query 4

select d.customer\_name from depositer d,branch b,bank\_account a

where b.branch\_name=a.branch\_name

AND a.accno=d.accno

and branch\_city='Delhi'

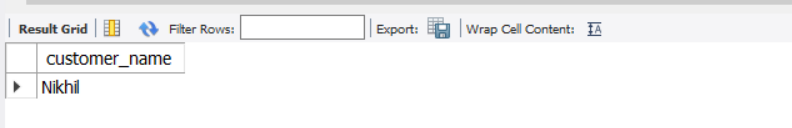
group by d.customer\_name

HAVING COUNT(distinct b.branch\_name)=(

SELECT COUNT(branch\_name)

FROM branch

WHERE branch\_city='Delhi');



-- Query 5

delete from bank\_account where branch\_name in (select branch\_name from branch where branch\_city = 'Bombay');

select \* from bank\_account;

