Swastik week 3

create database bank;

use bank;

create table branch

(branch\_name varchar(30),

branch\_city varchar(20),

assets float(20),

primary key(branch\_name)

);

create table bankaccount

(accno int (20),

branch\_name varchar(20),

branch float(20),

primary key(accno),

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

create table bankcustomer

(customer\_name varchar(20),

customer\_street varchar(20),

customer\_city varchar(20),

primary key(customer\_name));

create table depositer

(customer\_name varchar(20),

accno int(20),

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

foreign key(accno) references bankaccount(accno) on delete cascade);

create table loan

(loan\_num int(5),

branch\_name varchar(20),

amount float(20),

primary key(loan\_num),

foreign key(branch\_name) references branch(branch\_name) on delete cascade);

insert into branch values ('SBI\_Chamarajpet','Bengalore',50000),('SBI\_ResidencyRoad','Bengalore',10000),('SBI\_ShivajiRoad','Bengalore',20000),

('SBI\_ParlimentRoad','Delhi',10000),('SBI\_Jantarmantar','Delhi',20000);

insert into bankaccount values (1,'SBI\_Chamarajpet',2000),(2,'SBI\_ResidencyRoad',5000),(3,'SBI\_ShivajiRoad',6000),(4,'SBI\_ParlimentRoad',9000),

(5,'SBI\_Jantarmantar',8000),(6,'SBI\_ShivajiRoad',4000),(8,'SBI\_ResidencyRoad',4000),(9,'SBI\_ParlimentRoad',3000),(10,'SBI\_ResidencyRoad',5000),

(11,'SBI\_Jantarmantar',2000);

insert into bankcustomer values ('Avinash','Bull\_Temple\_Road','Bangalore'),('Dinesh','Bannergatta\_Road','Bangalore'),('Mohan','NationalCollege\_Road','Bangalore'),

('Nikil','Akbar\_Road','Delhi'),('Ravi','Prithviraj\_Road','Delhi');

insert into depositer values('Avinash',1),('Dinesh',2),('Nikil',4),('Ravi',5),

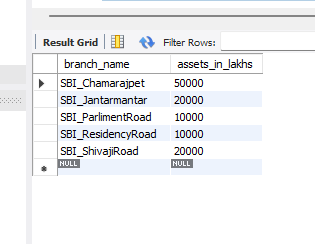
('Avinash',8),('Nikil',9),('Dinesh',10),('Nikil',11);

insert into loan values(1,'SBI\_Chamarajpet',1000),(2,'SBI\_ResidencyRoad',2000),(3,'SBI\_ShivajiRoad',3000),

(4,'SBI\_ParlimentRoad',4000),(5,'SBI\_Jantarmantar',5000);

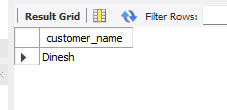
**Display the branch name and assets from all branches in lakhs of rupees and rename  
the assets column to 'assets in lakhs'.**

select branch\_name ,assets as assets\_in\_lakhs from branch;

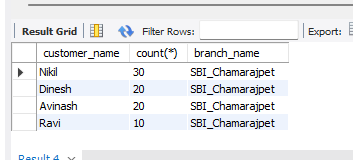


**Find all the customers who have at least two accounts at the same branch (ex.  
SBI\_ResidencyRoad)**

select customer\_name from depositer d,bankaccount b where d.accno = b.accno and branch\_name ='SBI\_ResidencyRoad' having count(customer\_name)>=2;



select customer\_name,count(\*),branch\_name from depositer d inner join bankaccount b on d.accno group by customer\_name having count(\*)>=2



**CREATE A VIEW WHICH GIVES EACH BRANCH THE SUM OF THE  
AMOUNT OF ALL THE LOANS AT THE BRANCH**

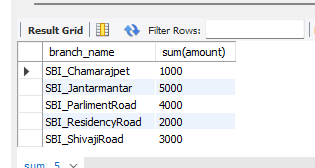
create view sum\_ as

select branch\_name,sum(amount)

from loan

group by branch\_name;

select\* from sum\_

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