Lab program 2

Queries

create database bank

use bank

create table branch(

branch\_name varchar(20) ,

branch\_city varchar(20),

assets real,

primary key(branch\_name)

);

insert into branch values

('SBI\_chamrajpet','bangalore',50000),

('SBI\_residencyroad','bangalore',10000),

('SBI\_shivajiroad','bombay',20000),

('SBI\_parlimentaryroad','delhi',10000),

('SBI\_jantarmantar','delhi',20000);

create table bankaccount(

acc\_no int ,

branch\_name varchar(20),

balance real,

primary key(acc\_no),

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

);

insert into bankaccount values

(1,'SBI\_chamrajpet',2000),

(2,'SBI\_residencyroad',5000),

(3,'SBI\_shivajiroad',6000),

(4,'SBI\_parlimentaryroad',9000),

(5,'SBI\_jantarmantar',8000);

create table bankcustomer(

customer\_name varchar(20) ,

customer\_street varchar(20),

customer\_city varchar(20),

primary key(customer\_name)

);

insert into bankcustomer values

('Avinash','Bull-temple\_road','bangalore'),

('dinesh','bannergatta\_road','bangalore'),

('Mohan','Nationalcollege\_road','bangalore'),

('Nikil','akbar\_road','Delhi'),

('ravi','prithiviraj\_road','Delhi');

create table depositer(

customer\_name varchar(20),

acc\_no int ,

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

foreign key(customer\_name) references bankcustomer(customer\_name),

foreign key(acc\_no) references bankaccount(acc\_no)

);

select \*

from depositer

drop table depositer

insert into depositer values

('Avinash',1),

('dinesh',2),

('Nikil',4),

('ravi',5)

create table loan(

loan\_number int ,

branch\_name varchar(20) ,

amount real,

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

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

);

insert into loan values

(1,'SBI\_chamrajpet',1000),

(2,'SBI\_residencyroad',2000),

(3,'SBI\_shivajiroad',3000),

(4,'SBI\_parlimentaryroad',4000),

(5,'SBI\_jantarmantar',5000);

1)

select branch\_name,assets

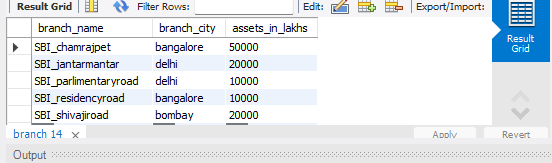
from branch

alter table branch

rename column assets to assets\_in\_lakhs

select \*

from branch



2)

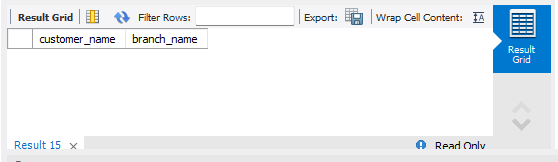
select d.customer\_name,b.branch\_name

from depositer d,bankaccount b

where d.acc\_no=b.acc\_no

group by d.customer\_name,b.branch\_name

having count(customer\_name)>=2



3)

create view branch\_loan as

select branch\_name,sum(amount) as total

from loan

group by branch\_name

select \*

from branch\_loan

