```
create database bank;

use bank;

create table branch

(

        branch_name varchar(20) primary key,

    branch_city varchar(15),

    assets real

);

show tables;

desc branch;

create table bank_account

(

        accno int primary key,

    branch_name varchar(20),

    balance real,

    foreign key(branch_name) references branch(branch_name) on delete cascade

);

desc bank_account;

create table bank_customer

(

        customer_name varchar(20) primary key,

    customer_street varchar(20),

    customer_city varchar(15)

);

create table depositer

(

        customer_name varchar(20),

    accno int,
```

```sql
        primary key(customer_name,accno),

    foreign key(customer_name) references bank_customer(customer_name) on delete cascade,

    foreign key(accno) references bank_account(accno) on delete cascade
);
create table loan
(
        loan_number int primary key,

    branch_name varchar(20),

    amount real,

    foreign key(branch_name) references branch(branch_name) on delete cascade
);


insert into branch
values('SBI_Chamrajpet','Bangalore',50000),('SBI_ResidencyRoad','Bangalore',10000),

('SBI_ShivajiRoad','Bombay',20000),('SBI_ParlimentRoad','Delhi',10000),

                                      ('SBI_Jantarmatar','Delhi',20000);


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_ParlimentRoad',9000);

insert into bank_account values(5,'SBI_Jantarmatar',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_Jantarmatar',2000);

desc bank_account;

select * from bank_account;


insert into bank_customer values('Avinash','Bull_Temple_Road','Bangalore');
```

```sql
insert into bank_customer values('Dinesh','Bannergatta_Road','Bangalore');

insert into bank_customer values('Mohan','NationalCollege_Road','Bangalore');

insert into bank_customer values('Nikil','Akbar_Road','Delhi');

insert into bank_customer values('Ravi','Prithviraj_Road','Delhi');

select * from bank_customer;


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

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

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

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

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

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

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

insert into depositer values('Nikil',11);

select * from depositer;


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_ParlimentRoad',4000);

insert into loan values(5,'SBI_Jantarmatar',5000);

select * from loan;


select b.branch_name,d.customer_name
        from bank_account b, depositer d
    where d.accno=b.accno and branch_name='SBI_ResidencyRoad'
    group by b.branch_name, d.customer_name
    having count(d.customer_name)>1;

select name ,assets assets_in_lakhs from branch;

create view sum_loans as select name, sum(amount) from loan group by name; select * from sum_loans;
```
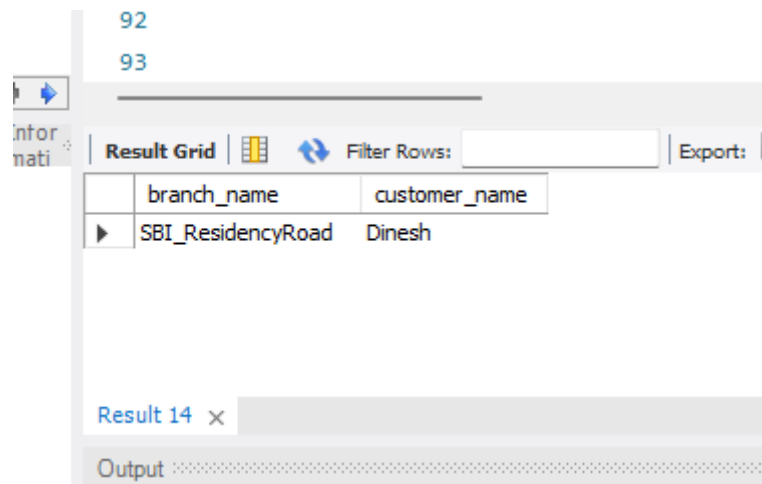
OUTPUTS

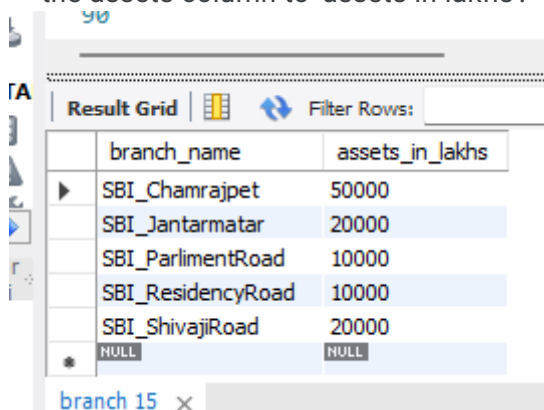1. Find all the customers who have at least two accounts at the same branch (ex. SBI_ResidencyRoad)

    92
    93

branch_name	customer_name
SBI_ResidencyRoad	Dinesh

    Result 14 ×

    Output

2. Display the branch name and assets from all branches in lakhs of rupees and rename the assets column to 'assets in lakhs'.
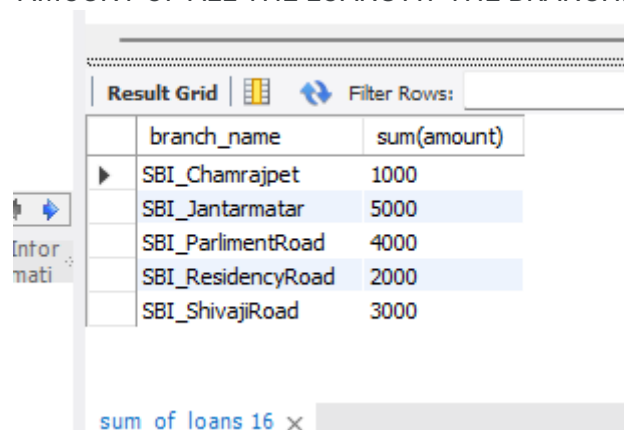
branch_name	assets_in_lakhs
SBI_Chamrajpet	50000
SBI_Jantarmatar	20000
SBI_ParlimentRoad	10000
SBI_ResidencyRoad	10000
SBI_ShivajiRoad	20000
NULL	NULL

    branch 15 ×

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

branch_name	sum(amount)
SBI_Chamrajpet	1000
SBI_Jantarmatar	5000
SBI_ParlimentRoad	4000
SBI_ResidencyRoad	2000
SBI_ShivajiRoad	3000

    sum of loans 16 ×