```
create database bank_2;
use bank_2;

1.
create table branch(
   branch_name varchar(25),
   branch_city varchar(20),
   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(20),
   customer_street varchar(20),
   city varchar(15),
   primary key(customer_name)
);

create table depositor(
   customer_name varchar(20),
```

```
    accno int,
    primary key(customer_name, accno),
    foreign key(accno) references bank_account(accno),
    foreign key(customer_name) references bank_customer(customer_name)
);

create table loan(
    loan_number int,
    branch_name varchar(20),
    amount int,
    primary key(loan_number, branch_name),
    foreign key(branch_name) references branch(branch_name)
);
```

2.

```
INSERT INTO branch VALUES
('SBI_chamrajpet','bangalore',50000),
('SBI_residencyroad','bangalore',10000),
('SBI_shivajiroad','bombay',20000),
('SBI_parlimentroad','delhi',10000),
('SBI_jantarmantar','delhi',20000);

-- Insert data into bank_account
INSERT INTO bank_account VALUES
(1, 'SBI_chamrajpet', 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);

-- Insert data into bank_customer
INSERT INTO bank_customer VALUES
('Avinash', 'Bull_Temple_Road', 'Bangalore'),
('Dinesh', 'Bannerghatta_Road', 'Bangalore'),
('Mohan', 'NationalCollege_Road', 'Bangalore'),
('Nikil', 'Akbar_Road', 'Delhi'),
('Ravi', 'Prithviraj_Road', 'Delhi');

INSERT INTO depositor VALUES
('Avinash', 1),
('Dinesh', 2),
('Nikil', 4),
('Ravi', 5),
('Avinash', 8),
('Nikil', 6);
INSERT INTO loan VALUES
(1, 'SBI_chamrajpet', 1000),
(2, 'SBI_residencyroad', 2000),
(3, 'SBI_shivajiroad', 3000),
(4, 'SBI_parlimentroad', 4000),
(5, 'SBI_jantarmantar', 5000);

select * from branch;
select * from bank_account;
```

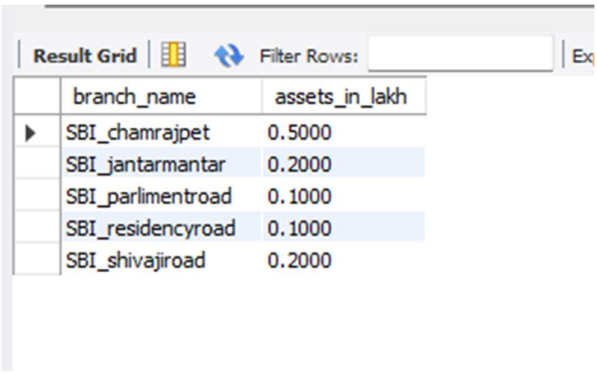
```
select * from bank_customer;

select * from depositor;

select * from loan;
```

3. select branch_name ,(assets/100000) as assets_in_lakh

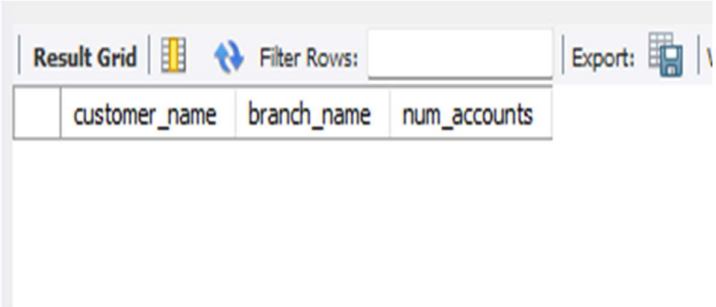
from branch;



Result Grid | Filter Rows: | Ex

branch_name	assets_in_lakh
SBI_chamrajpet	0.5000
SBI_jantarmantar	0.2000
SBI_parlimentroad	0.1000
SBI_residencyroad	0.1000
SBI_shivajiroad	0.2000

```
SELECT
    d.customer_name,
    b.branch_name,
    COUNT(d.accno) AS num_accounts
FROM
    depositor d, bank_account b
WHERE  d.accno = b.accno
GROUP BY d.customer_name, b.branch_name
HAVING
    COUNT(d.accno) >= 2;
```



5.

```
CREATE VIEW bank_view AS
SELECT
   branch_name,
   SUM(amount) AS total_loan_amount
FROM
   loan
GROUP BY
   branch_name;
```