```
create database dhiksha_bank;
use dhiksha_bank;
create table dhiksha_bank.branch(
Branch_name varchar(30),
Branch_city varchar(25),
assets int,
PRIMARY KEY (Branch_name)
);

create table dhiksha_bank.BankAccount(
Accno int,
Branch_name varchar(30),
Balance int,
PRIMARY KEY(Accno),
foreign key (Branch_name) references branch(Branch_name)
);

create table dhiksha_bank.BankCustomer(
Customername varchar(20),
Customer_street varchar(30),
CustomerCity varchar (35),
PRIMARY KEY(Customername)
);

create table dhiksha_bank.Depositer(
Customername varchar(20),
Accno int,
PRIMARY KEY(Customername,Accno),
foreign key (Accno) references BankAccount(Accno),
foreign key (Customername) references BankCustomer(Customername)
);
```

```
create table dhiksha_bank.Loan(
Loan_number int,
Branch_name varchar(30),
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_ParlimentRoad","Delhi",10000);
insert into branch values("SBI_Jantarmantar","Delhi",20000);

insert into BankAccount values(1,"SBI_Chamrajpet",2000);
insert into BankAccount values(2,"SBI_ResidencyRoad",5000);
insert into BankAccount values(3,"SBI_ShivajiRoad",6000);
insert into BankAccount values(4,"SBI_ParlimentRoad",9000);
insert into BankAccount values(5,"SBI_Jantarmantar",8000);
insert into BankAccount values(6,"SBI_ShivajiRoad",4000);
insert into BankAccount values(8,"SBI_ResidencyRoad",4000);
insert into BankAccount values(9,"SBI_ParlimentRoad",3000);
insert into BankAccount values(10,"SBI_ResidencyRoad",5000);
insert into BankAccount values(11,"SBI_Jantarmantar",2000);

insert into BankCustomer values("Avinash","Bull_Temple_Road","Bangalore");
insert into BankCustomer values("Dinesh","Bannergatta_Road","Bangalore");
insert into BankCustomer values("Mohan","NationalCollege_Road","Bangalore");
insert into BankCustomer values("Nikil","Akbar_Road","Delhi");
insert into BankCustomer values("Ravi","Prithviraj_Road","Delhi");
```

```
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);

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_Jantarmantar",5000);

select * from branch;
```

Result Grid | Filter Rows:

Branch_name	Branch_city	assets
SBI_Chamrajpet	Bangalore	50000
SBI_Jantarmantar	Delhi	20000
SBI_ParlimentRoad	Delhi	10000
SBI_ResidencyRoad	Bangalore	10000
SBI_ShivajiRoad	Bombay	20000
NULL	NULL	NULL

```
select * from BankAccount;
```

Result Grid | Filter Rows:

Accno	Branch_name	Balance
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
9	SBI_ParlimentRoad	3000

select * from BankCustomer;

Customername	Customer_street	CustomerCity
Avinash	Bull_Temple_Road	Bangalore
Dinesh	Bannergatta_Road	Bangalore
Mohan	NationalCollege_Road	Bangalore
Nikil	Akbar_Road	Delhi
Ravi	Prithviraj_Road	Delhi
NULL	NULL	NULL

select * from Depositer;

Customername	Accno
Avinash	1
Dinesh	2
Nikil	4
Ravi	5
Avinash	8
Nikil	9
Dinesh	10
Nikil	11

Depositer4

select * from Loan;

Loan_number	Branch_name	Amount
1	SBI_Chamrajpet	1000
2	SBI_ResidencyRoad	2000
3	SBI_ShivajiRoad	3000
4	SBI_ParlimentRoad	4000
5	SBI_Jantarmantar	5000
NULL	NULL	NULL

select Branch_name, CONCAT(assets/100000,' lakhs')assets_in_lakhs

from branch;

Result Grid | Filter Rows:

Branch_name	assets_in_lakhs
SBI_Chamrajpet	0.5000 lakhs
SBI_Jantarmantar	0.2000 lakhs
SBI_ParlimentRoad	0.1000 lakhs
SBI_ResidencyRoad	0.1000 lakhs
SBI_ShivajiRoad	0.2000 lakhs

select d.Customername from Depositer d, BankAccount b where

b.Branch_name='SBI_ResidencyRoad' and d.Accno=b.Accno group by

d.Customername having count(d.Accno)>=2;

	Customername
▶	Dinesh

create view sum_of_loan

as select Branch_name, SUM(Balance)

from BankAccount

group by Branch_name;

select * from sum_of_loan;

Result Grid | Filter Rows:

	Branch_name	SUM(Balance)
▶	SBI_Chamrajpet	2000
	SBI_Jantarmantar	10000
	SBI_ParlimentRoad	12000
	SBI_ResidencyRoad	14000
	SBI_ShivajiRoad	10000

select bc.Customername, CONCAT(Balance+1000,' rupees')

UPDATED_BALANCE from BankAccount b, BankCustomer bc, Depositer d

where bc.Customername=d.Customername and b.Accno=d.Accno and

bc.Customercity='Bangalore';

	Customername	UPDATED_BALANCE
▶	Avinash	3000 rupees
	Avinash	5000 rupees
	Dinesh	6000 rupees
	Dinesh	6000 rupees