

```
create database bankdetails;
```

```
use bankdetails;
```

```
-- Creating the Branch table
```

```
CREATE TABLE Branch (  
    BranchName VARCHAR(30) PRIMARY KEY,  
    BranchCity VARCHAR(30),  
    Assets INT  
);
```

```
-- Inserting values into Branch
```

```
INSERT INTO Branch VALUES  
( 'SBI_Chamrajpet', 'Bangalore', 50000),  
( 'SBI_ResidencyRoad', 'Bangalore', 10000),  
( 'SBI_ShivajiRoad', 'Bombay', 20000),  
( 'SBI_ParlimentRoad', 'Delhi', 10000),  
( 'SBI_Jantarmanatar', 'Delhi', 20000);
```

```
-- Creating the BankAccount table
```

```
CREATE TABLE BankAccount (  
    AccNo INT PRIMARY KEY,  
    BranchName VARCHAR(30),  
    Balance INT,  
    FOREIGN KEY (BranchName) REFERENCES Branch(BranchName)  
);
```

```
-- Inserting values into BankAccount
```

```
INSERT INTO BankAccount VALUES  
(1, 'SBI_Chamrajpet', 2000),
```

```
(2, 'SBI_ResidencyRoad', 5000),  
(3, 'SBI_ShivajiRoad', 6000),  
(4, 'SBI_ParlimentRoad', 1000),  
(5, 'SBI_Jantarmanatar', 8000),  
(6, 'SBI_ShivajiRoad', 4000),  
(7, 'SBI_ResidencyRoad', 4000),  
(8, 'SBI_ParlimentRoad', 3000),  
(9, 'SBI_ResidencyRoad', 5000),  
(10, 'SBI_ParlimentRoad', 3000),  
(11, 'SBI_Jantarmanatar', 2000);
```

-- Creating the BankCustomer table

```
CREATE TABLE BankCustomer (  
    CustomerName VARCHAR(30) PRIMARY KEY,  
    CustomerStreet VARCHAR(50),  
    CustomerCity VARCHAR(30)  
);
```

-- Inserting values into BankCustomer

```
INSERT INTO BankCustomer VALUES  
( 'Avinash', 'Bull_Temple_Road', 'Bangalore'),  
( 'Dinesh', 'Bannerghatta_Road', 'Bangalore'),  
( 'Mohan', 'NationalCollege_Road', 'Bangalore'),  
( 'Nikhil', 'Akbar_Road', 'Delhi'),  
( 'Ravi', 'Prithviraj_Road', 'Delhi');
```

-- Creating the Deposit table

```
CREATE TABLE Deposit (  

```

```
CustomerName VARCHAR(30),  
AccNo INT,  
FOREIGN KEY (CustomerName) REFERENCES BankCustomer(CustomerName),  
FOREIGN KEY (AccNo) REFERENCES BankAccount(AccNo)  
);
```

-- Inserting values into Deposit

```
INSERT INTO Deposit VALUES
```

```
('Avinash', 1),
```

```
('Dinesh', 2),
```

```
('Nikhil', 4),
```

```
('Ravi', 5),
```

```
('Avinash', 8),
```

```
('Nikhil', 9),
```

```
('Dinesh', 10),
```

```
('Nikhil', 11);
```

-- Creating the Loan table

```
CREATE TABLE Loan (
```

```
LoanNumber INT PRIMARY KEY,
```

```
BranchName VARCHAR(30),
```

```
Amount INT,
```

```
FOREIGN KEY (BranchName) REFERENCES Branch(BranchName)
```

```
);
```

-- Inserting values into Loan

```
INSERT INTO Loan VALUES
```

```
(1, 'SBI_Chamrajpet', 1000),
```

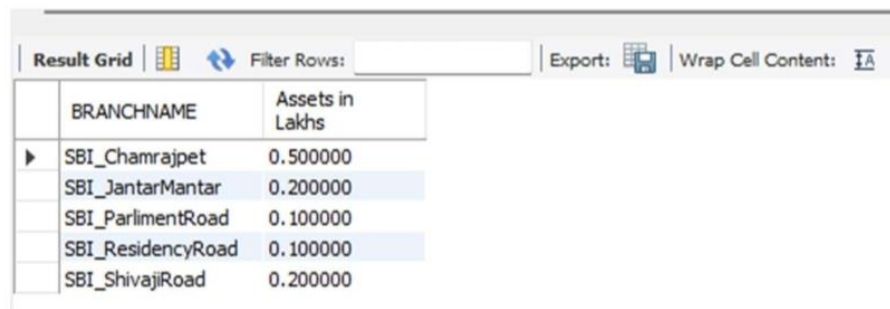
(2, 'SBI\_ResidencyRoad', 2000),

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

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

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

SELECT BranchName, (assets / 100000.0) AS assets\_in\_lakhs FROM Branch;



The screenshot shows a database query result grid with the following data:

	BRANCHNAME	Assets in Lakhs
▶	SBI_Chamrajpet	0.500000
	SBI_JantarMantar	0.200000
	SBI_ParlimentRoad	0.100000
	SBI_ResidencyRoad	0.100000
	SBI_ShivajiRoad	0.200000

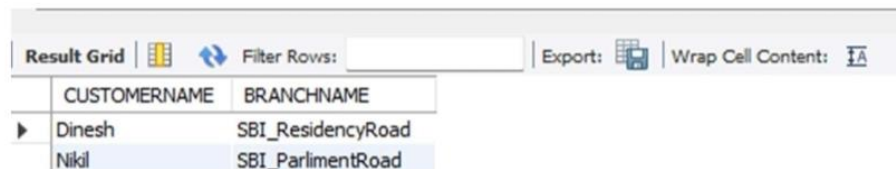
select d.CustomerName,b.BranchName

from Deposit d,BankAccount b

where d.AccNo=b.AccNo

group by d.CustomerName,b.BranchName

having count(d.AccNo)>=2;



The screenshot shows a database query result grid with the following data:

	CUSTOMERNAME	BRANCHNAME
▶	Dinesh	SBI_ResidencyRoad
	Nikil	SBI_ParlimentRoad





CREATE VIEW BranchLoanSum AS

SELECT BranchName, SUM(amount) AS total\_loan\_amount

FROM Loan

GROUP BY BranchName;

SELECT \* FROM BranchLoanSum;

Result Grid |   Filter Rows:  | Export:  | Wrap Cell Content: 

	BRANCHNAME	Total_Loan
▶	SBI_Chamrajpet	1000.00
	SBI_JantarMantar	5000.00
	SBI_ParlimentRoad	4000.00
	SBI_ResidencyRoad	2000.00
	SBI_ShivajiRoad	3000.00