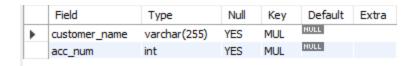
BANK DATABASE create table Branch(branch name varchar(255) primary key, branch_city varchar(255) not null, assets float); Result Grid Filter Rows: Export: E Wrap Field Extra Type Null Default NULL branch name varchar(255) PRI NO NULL branch_city varchar(255) NO NULL assets float YES create table BankAccount(accno int primary key, branch name varchar(200), balance float, foreign key(branch_name) references Branch(branch_name)); Field Type Null Default Key Extra NULL accno int NO PRI NULL branch_name varchar(200) YES MUL NULL balance float YES create table BankCustomer(customer_name varchar(255) primary key, customer street varchar(255) not null, city varchar(255) not null); Field Type Null Key Default Extra NULL PRI customer_name varchar(255) NO NULL customer_street varchar(255) NO NULL city varchar(255) NO create table Depositor(customer_name varchar(255), acc num int, foreign key(acc_num) references BankAccount(accno), foreign key (customer name) references BankCustomer(customer name));



```
create table Loan(
        loan_num int primary key,
       branch_name varchar(255),
       amount float,
       foreign key(branch name) references Branch(branch name)
);
    Field
                                           Default
                  Type
                              Null
                                                   Extra
                                          NULL
                                    PRI
    loan_num
                 int
                                          NULL
    branch_name
                 varchar(255)
                             YES
```

YES

TODOS

amount

1. Display the branch name and assets from all branches in lakhs of rupees and rename assets.

NULL

Select branch_name, assets/100000 as assets_in_lakhs From Branch;

	branch_name	assets_in_lakhs
•	SBI_Chamrajpet	0.5
	SBI_Jantarmantar	0.2
	SBI_ParlimentRoad	0.1
	SBI_ResidencyRoad	0.1
	SBI_ShivajiRoad	0.2

 Find all the customers who have at least two accounts in the same branch create view CommonCustomers as select d.acc_num, branch_name, customer_name from BankAccount b, Depositor d where d.acc_num = b.accno;

```
select distinct customer_name
from CommonCustomers outerTable
where 1 < (
    select count(*)
        from CommonCustomers
        where branch_name = outerTable.branch_name and customer_name =
outerTable.customer_name
);</pre>
```



3. Create a view which gives each branch the sum of the amount of all the loans at the branch

create view Loans_branch as

Select branch_name, sum(amount)

From Loan

Group by branch_name;

Select * from Loans_branch;

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

4. Update the amount balance by 1000 for customers residing in Bangalore Update BankAccount

Set balance = balance + 1000

Where accno In (Select acc_num from Depositor d, BankCustomer b

Where d.customer_name = b.customer_name

And city="Bangalore");

select * from BankAccount;

	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
	10	SBI_ResidencyRoad	5000
	11	SBI_Jantarmantar	2000
	NULL	NULL	NULL