**BANK DATABASE**

CREATING TABLES SQL QUERIES :

create table pruthvi\_bank.branch(

Branch\_name varchar(30),

Branch\_city varchar(25),

assets int,

PRIMARY KEY (Branch\_name)

);

desc branch ;

create table pruthvi\_bank.BankAccount(

Accno int,

Branch\_name varchar(30),

Balance int,

PRIMARY KEY(Accno),

foreign key (Branch\_name) references branch(Branch\_name)

);

desc BankAccount ;

create table pruthvi\_bank.BankCustomer(

Customername varchar(20),

Customer\_street varchar(30),

CustomerCity varchar (35),

PRIMARY KEY(Customername)

);

create table pruthvi\_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 pruthvi\_bank.Loan(

Loan\_number int,

Branch\_name varchar(30),

Amount int,

PRIMARY KEY(Loan\_number),

foreign key (Branch\_name) references branch(Branch\_name)

);

INSERTING VALUES SQL QUERIES :

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\_Varthur","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\_Varthur",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\_Varthur",2000);

insert into BankCustomer values("Hethish","Bull\_Temple\_Road","Bangalore");

insert into BankCustomer values("Hrithik","Bannergatta\_Road","Bangalore");

insert into BankCustomer values("Prakash","NationalCollege\_Road","Bangalore");

insert into BankCustomer values("Puneet","Akbar\_Road","Delhi");

insert into BankCustomer values("Ravi","Prithviraj\_Road","Delhi");

insert into Depositer values("Hethish",1);

insert into Depositer values("Hrithik",2);

insert into Depositer values("Puneet",4);

insert into Depositer values("Ravi",5);

insert into Depositer values("Hethish",8);

insert into Depositer values("Prakash",9);

insert into Depositer values("Hrithik",10);

insert into Depositer values("Puneet",11);

insert into Loan values(1,"SBI\_Chamrajpet",1000);

insert into Loan values(2,"SBI\_ResidencyRoad",2000);

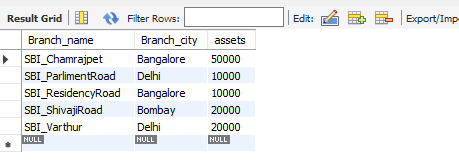
insert into Loan values(3,"SBI\_ShivajiRoad",3000);

insert into Loan values(4,"SBI\_ParlimentRoad",4000);

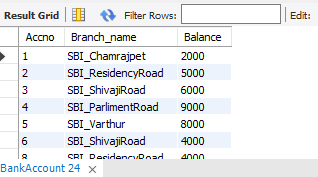
insert into Loan values(5,"SBI\_Varthur",5000);

OUTPUT QUEIRES AND SCREENSHOTS :

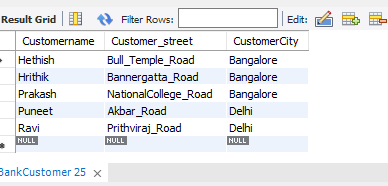
select \* from branch;



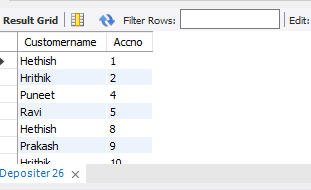
select \* from BankAccount;



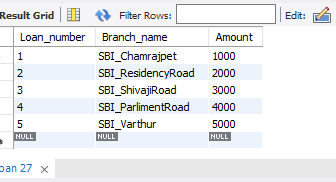
select \* from BankCustomer;



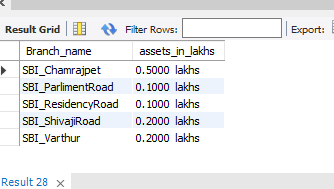
select \* from Depositer;



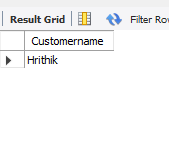
select \* from loan;



select Branch\_name, CONCAT(assets/100000,' lakhs')assets\_in\_lakhs from branch;



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;



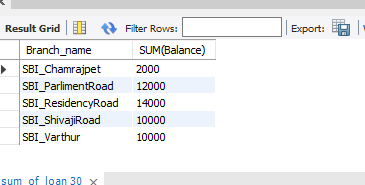
create view sum\_of\_loan

as select Branch\_name, SUM(Balance)

from BankAccount

group by Branch\_name;

select \* from sum\_of\_loan;



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';

