DBMS-LAB-WEEK3-BANK DATABASE

create database 1bm21cs113\_bank;

use 1bm21cs113\_bank;

create table branch

(

branch\_name varchar(15) primary key,

branch\_city varchar(15),

assets decimal);

create table BankAccount

(

accno int primary key,

branch\_name varchar(15) not null,

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

balance decimal);

create table BankCustomer

(

customer\_name varchar(25) primary key,

customer\_street varchar(20),

city varchar(20));

create table Depositer

(

customer\_name varchar(25),

accno int,

primary key(customer\_name,accno),

foreign key(customer\_name) references BankCustomer(customer\_name),

foreign key(accno) references BankAccount(accno));

create table Loan

(

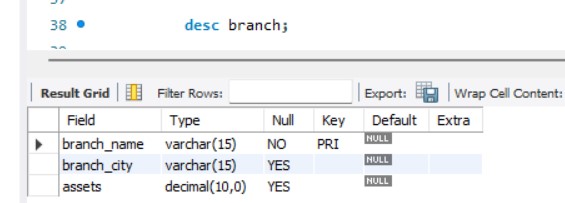
loan\_no int primary key,

branch\_name varchar(15),

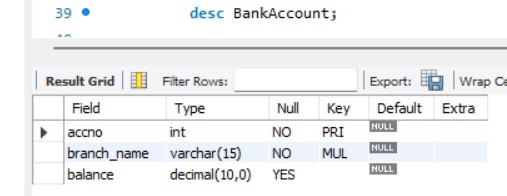
foreign key(branch\_name) references branch(branch\_name),

amount decimal);

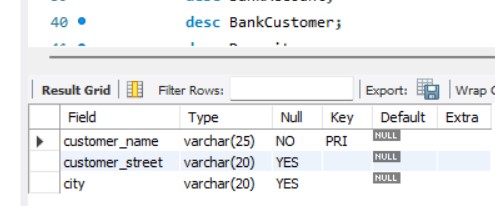
desc branch;



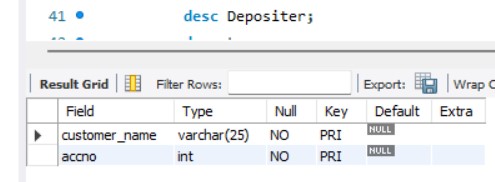
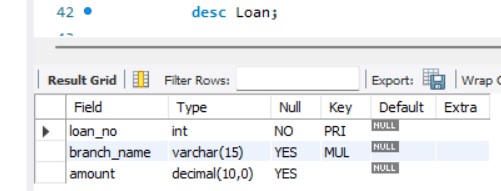
desc BankAccount;

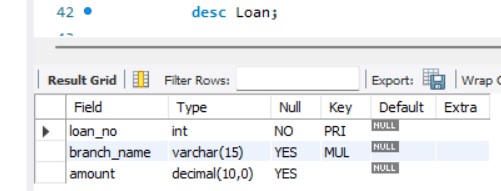


desc BankCustomer;



desc Depositer;



desc Loan;

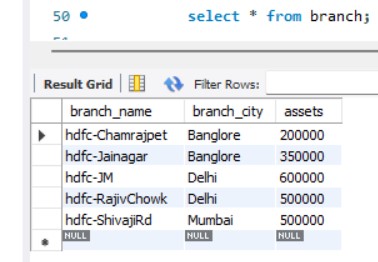
insert into branch values("hdfc-Chamrajpet","Banglore",200000);

insert into branch values("hdfc-ShivajiRd","Mumbai",500000);

insert into branch values("hdfc-Jainagar","Banglore",350000);

insert into branch values("hdfc-RajivChowk","Delhi",500000);

insert into branch values("hdfc-JM","Delhi",600000);

 select \* from branch;

insert into BankAccount values(1,"hdfc-Chamrajpet",30000);

insert into BankAccount values(2,"hdfc-ShivajiRd",15000);

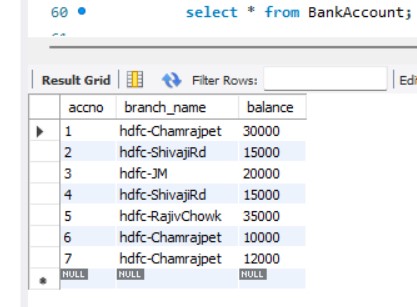
insert into BankAccount values(3,"hdfc-JM",20000);

insert into BankAccount values(4,"hdfc-ShivajiRd",15000);

insert into BankAccount values(5,"hdfc-RajivChowk",35000);

insert into BankAccount values(6,"hdfc-Chamrajpet",10000);

insert into BankAccount values(7,"hdfc-Chamrajpet",12000);

 select \* from BankAccount;

insert into BankCustomer values("Rahul","Teachers Layout","Banglore");

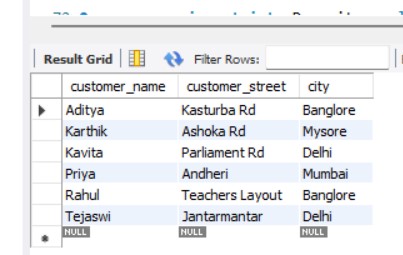
insert into BankCustomer values("Aditya","Kasturba Rd","Banglore");

insert into BankCustomer values("Kavita","Parliament Rd","Delhi");

insert into BankCustomer values("Karthik","Ashoka Rd","Mysore");

insert into BankCustomer values("Tejaswi","Jantarmantar","Delhi");

insert into BankCustomer values("Priya","Andheri","Mumbai");

select \* from BankCustomer;

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

insert into Depositer values("Aditya",3);

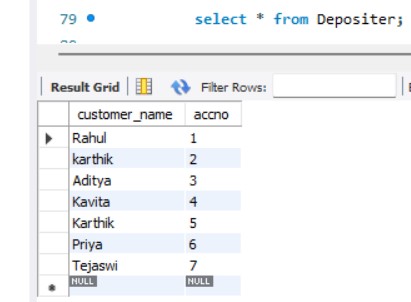
insert into Depositer values("Tejaswi",7);

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

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

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

insert into Depositer values("Priya",6);

select \* from Depositer;

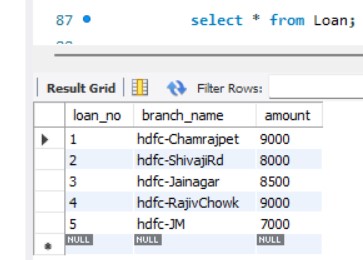
insert into Loan values(1,"hdfc-Chamrajpet",9000);

insert into Loan values(2,"hdfc-ShivajiRd",8000);

insert into Loan values(3,"hdfc-Jainagar",8500);

insert into Loan values(4,"hdfc-RajivChowk",9000);

insert into Loan values(5,"hdfc-JM",7000);

select \* from Loan;