**Problem Statement 11:**

1. Create the following tables. **Solve queries by SQL**
   * Deposit (actno,cname,bname,amount,adate)
   * Branch (bname,city)
   * Customers (cname, city)
   * Borrow(loanno,cname,bname, amount) Add primary key and foreign key wherever applicable.

Insert data into the above created tables.

create table Deposite (actno varchar(10),cname varchar(10), bname varchar(10), amount varchar(10), adate varchar(10));

create table Branch (bname varchar(10) primary key, city varchar(10));

create table Borrow(loanno varchar(10), cname varchar(10), bname varchar(10) , amount varchar(10));

create table Customer(cname varchar(10), city varchar(10));

insert into Deposite(actno, cname, bname, amount, adate) values ('11','Anil','Axis','1000','1996/08/02');

insert into Deposite(actno, cname, bname, amount, adate) values ('12','Sunil','PNB','3000','2022/09/03');

insert into Deposite(actno, cname, bname, amount, adate) values ('13','Pravin','SBI','5000','1997/07/02');

insert into Deposite(actno, cname, bname, amount, adate) values ('14','Vijay','ICICI','7000','2022/10/05');

insert into Deposite(actno, cname, bname, amount, adate) values ('15','Arjun','HDFC','9000','1996/04/08');

insert into Branch (bname, city) values ('Axis','Pune');

insert into Branch (bname, city) values ('PNB','Bombay');

insert into Branch (bname, city) values ('SBI','Delhi');

insert into Branch (bname, city) values ('HDFC','Perryridge');

insert into Branch (bname, city) values ('Karolabagh','Chennai');

insert into Customer (cname, city)values('Anil','Pune');

insert into Customer (cname, city)values('Sunil','Perryridge');

insert into Customer (cname, city)values('Pravin','Pune');

insert into Customer (cname, city)values('Vijay','Culcutta');

insert into Customer (cname, city)values('Arjun','Pune');

insert into Customer (cname, city)values('Vinod','Pune');

insert into Borrow(loanno, cname, bname, amount)values('21','Anil','Axis','10000');

insert into Borrow(loanno, cname, bname, amount)values('22','Sunil','PNB','10500');

insert into Borrow(loanno, cname, bname, amount)values('23','Arjun','HDFC','18000');

insert into Borrow(loanno, cname, bname, amount)values('24','Vijay','ICICI','10700');

insert into Borrow(loanno, cname, bname, amount)values('21','Pravin','Karolabagh','10000');

**a. Display account date of customers Anil.**

select adate from Deposite where cname='Anil';

**b. Modify the size of attribute of amount in deposit**

ALTER TABLE Deposite MODIFY actno VARCHAR(20) ;

**c. Display names of customers living in city pune.**

select cname from Customer where city='Pune';

**d. Display name of the city where branch KAROLBAGH is located.**

Select city from Branch where bname = 'Karolabagh';

**e. Find the number of tuples in the customer relation**

select COUNT(\*) from Customer;

**f. Delete all the record of customers Sunil**

delete from Customer where cname='Sunil';

select \* from Customer;

**g. Create a view on deposit table.**

create View deposit\_view as select actno,cname,bname,amount,adate from Deposite;

select \* from Deposit\_view;