**Problem Statement 9:**

1. **Create the following tables. And Solve following 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','Mumbai');

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

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

insert into Branch (bname, city)values ('TJSB','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','TJSB','10000');

**1. Display names of depositors having amount greater than 4000.**

SELECT cname FROM Deposite WHERE amount >4000;

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

Select adate from Deposite where cname='Anil';

**3. Display account no. and deposit amount of customers having account opened between dates 1-12-96 and 1-5-97**

SELECT actno, amount FROM Deposite WHERE adate BETWEEN '1996/12/01' AND '1997/05/01';

**4. Find the average account balance at the Perryridge branch.**

select avg (amount),cname from Borrow inner join Branch on Borrow.bname = Branch.bname AND bname = 'Perryridge';

**5. Find the names of all branches where the average account balance is more than $1,200.**

select bname, avgbalance from (select bname, avg (amount) from Borrow group by bname) as result (bname, avgbalance) where avgbalance > '1200';

**6. Delete depositors having deposit less than 5000**

Delete from Deposite where amount <5000;

select \* from Deposite;

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

CREATE VIEW [Bank] AS SELECT cname, bname FROM Borrow WHERE loanno = '21';

select \* from [Bank];