9. Create the following tables. **Solve queries by SQL**
   1. Deposit (actno,cname,bname,amount,adate)

      create table account (actno int,cname char(50),bname char(50),amount int,adate date,primary key(actno));
   2. Branch (bname,city)

      create table branch (bname char(50),city char(50),primary key (bname));
   3. Customers (cname, city)

      create table customer(cname char(50),city char(50),primary key (cname));
   4. Borrow(loanno,cname,bname, amount) Add primary key and foreign key wherever applicable.

      = create table borrow (loanno int,cname char(50),bname char(50),amount int,foreign key(cname) references customer(cname),foreign key(bname) references branch(bname));

      Insert data into the above created tables.
   a. Display account date of customers Anil.

= select adate from account where cname = "anil";

   b. Display names of customers living in city pune.

= select cname from customer where city = "pune";

   c. Display name of the city where branch KAROLBAGH is located.

= select city from branch where bname ="karolbagh";

      Delete all the record of customers Sunil

   = delete from account where cname = "sunil";

1. Display names of depositors having amount greater than 4000.
SELECT CNAME FROM DEPOSIT WHERE AMOUNT >4000;

2. Display account date of customers Anil
Select adate from Deposit 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 act_no, AMOUNT FROM DEPOSIT WHERE ADATE BETWEEN '1996-12-01' AND '1997-05-01';

4. Find the average account balance at the Perryridge branch.
select avg (balance) from account where branch-name = "Perryridge"
5. Find the names of all branches where the average account balance is more than $1,200.
select branch-name, avg-balance from (select branch-name, avg (balance) from account group by branch-name) as result (branch-name, avg-balance) where avg-balance > 1200

6. Delete depositors having deposit less than 5000
Delete from deposit where amount <5000;

7. Create a view on deposit table.
create View deposit_view as select actno,cname,bname,amount,adate from deposit;
select * from deposit_view;

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a. Display names of all branches located in city Bombay.
Select * from Branch where city='Bombay'

b. Display account no. and amount of depositors.
Select actno, amount from deposit

c. Update the city of customers Anil from Pune to Mumbai
Update Customers set city='Mumbai' where city='Pune'

d. Find the number of depositors in the bank
select count (distinct cname) from deposit

e. Calculate Min,Max amount of customers.

f. Create an index on deposit table
create index deposit_index on deposit(actno);

a. Display account date of customers Anil.
Select adate form deposit where cname='Anil';
b. **Modify the size of attribute of amount in deposit**

c. **Display names of customers living in city pune.**
Select cname form customers where city='Pune'

d. **Display name of the city where branch KAROLBAGH is located.**
Select city from branch where bname='KAROLBAGH'

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'

g. **Create a view on deposit table**
create View deposit_view as select actno,cname,bname,amount,adate from deposit;
select * from deposit_view;

1. **Display customer name having living city Bombay and branch city Nagpur**
   select c.city from customer c, branch b where c.city='bombay' and b.city='nagpur' ;

2. **Display customer name having same living city as their branch city**
   select c.city from customer c, branch b where c.city=b.city ;

3. **Display customer name who are borrowers as well as depositors and having living city Nagpur.**
   Select cname form deposit d , borrow b, customers c where d.cname=b.name, d.cname=c.cname and c.city='Nagpur'

4. **Display borrower names having deposit amount greater than 1000 and loan amount greater than 2000**
   select br1.cname, br1.amount, d1.cname, d1.amount from borrow br1,deposit d1 where d1.cname = br1.cname and d1.amount > 1000 and br1.amount >2000;

5. Display customer name living in the city where branch of depositor sunil is located.

select c.cname from customer c where c.city in (select b.city from branch b where b.bname in (select d.bname from deposit d where d.cname='sunil'));

6. Create an index on deposit table

create index deposit_index on deposit(actno);