**● Write SQL query to solve the problem given below**

Here we are talking about the Bank related information of a person.

For which you need to create three tables named as Bank, Account holder and Loan table.

And solve the problem stated below.

* Create a Bank table, attributes are : branch id, branch name, branch city
* CREATE TABLE bank (branchid INT PRIMARY KEY, branchname VARCHAR(50),branchcity VARCHAR(50));
* insert into bank values(1001,'minibazar','surat'), (1002,'manekchowk','ahmedabad'),(1003,'iskon','ahmedabad');
* Create a Loan table, attributes are : loan no, branch id, account holder’s id, loan amount and loan type
* CREATE TABLE loan (loanno INT PRIMARY KEY,branchid INT,accountholderid INT,loanamount DECIMAL(10, 2),loantype VARCHAR(50),FOREIGN KEY (branchid) REFERENCES bank(branchid),FOREIGN KEY (accountholderid) REFERENCES accountholder(accountholderid));
* insert into loan values(11,1001,1,50000,'gold'), (12,1002,2,60000,'morgage'),(13,1003,3,70000,'home');
* Create a table named as Account holder for the same scenario containing the attributes are account holder’s id, account no, account holder’s name, city,contact, date of account created, account status (active or terminated),account type and balance.
* CREATE TABLE accountholder (

accountholderid INT PRIMARY KEY,

accountno INT,

accountholdername VARCHAR(50),

city VARCHAR(50),

contact VARCHAR(15),

dateofaccountcreated DATE,

accountstatus VARCHAR(10),

accounttype VARCHAR(20),

balance DECIMAL(10, 2));

* INSERT INTO accountholder VALUES(1,156,'Chandra','Delhi','9543198345','2020-02-20','Active','Saving',1000), (3,157,'charmi','pune','9543198346','2018-02-20','deactive','Saving',500),(2,157,'beena','Mumbai','9898454545','2021-02-20','Active','Saving',2000);

● Consider an example where there’s an account holder table where we are doing an intra bank transfer i.e. a person holding account A is trying to transfer $100 to account B.

- for this you have to make a transaction in sql which can

transfer fund from account A to B

- Make sure after the transaction the account information have to be updated for both the credit account and the debited account.

● Also fetch the details of the account holder who are related from the same city.

* SELECT \*FROM accountholder WHERE city IN (SELECT city FROM accountholder GROUP BY city HAVING COUNT(DISTINCT accountholderid) > 1);

● Write a query to fetch account number and account holder name, whose accounts were created after 15th of any month

* select \* from accountholder where extract(day from dateofaccountcreated)>15;

● Write a query to display the city name and count the branches in that city.

* SELECT branchcity, COUNT(\*) AS countbranch FROM bank

GROUP BY branchcity;

Give the count of branches an alias name of Count\_Branch.

● Write a query to display the account holder’s id, account holder’s name,branch id, and loan amount for people who have taken loans.

* SELECT AH.accountholderid, AH.accountholdername, L.branchid, L.loanamount FROM accountholder AH JOIN loan L ON AH.accountholderid = L.accountholderid;