CREATE TABLE BANK (BRANCH\_ID INT PRIMARY

KEY AUTO\_INCREMENT NOT NULL ,

BRANCH\_NAME VARCHAR (30),

BRANCH\_CITY VARCHAR (30));

INSERT INTO bank (BRANCH\_ID,BRANCH\_NAME,BRANCH\_CITY) VALUES

(1,"BOB","AHMEDABAD"),

(2,"BOI","SURAT"),

(3,"ICICI","GHANDINAGAR"),

(4,"SBI","RAJKOT");

CREATE TABLE account\_holder (ACCOUNT\_HOLDER\_ID

INT PRIMARY KEY AUTO\_INCREMENT NOT NULL ,

ACCOUNT\_NO BIGINT UNIQUE ,

ACCOUNT\_HOLDER\_NAME VARCHAR (30),

CITY VARCHAR (20),

CONTACT BIGINT,

DATE\_OF\_ACCOUNT\_CREATED DATE,

ACCOUNT\_STATUS VARCHAR (30),

ACCOUNT\_TYPE VARCHAR (30),

BALANCE BIGINT);

INSERT INTO account\_holder

(ACCOUNT\_HOLDER\_ID,ACCOUNT\_NO,ACCOUNT\_HOLDER\_NAME,CITY,CONTACT,DATE\_OF\_ACC

OUNT\_CREATED,ACCOUNT\_STATUS,ACCOUNT\_TYPE,BALANCE) VALUES

(01,201789632145,"JAYESH PATEL", "AHMEDABAD",9016849798,"2024-06-10","ACTIVE","SAVING",200000),

(02,201789632150,"SINGH HIMANSHU", "SURAT",9016848020,"2023-07-11","ACTIVE","CURRENT",500000),

(03,201789632155,"LUCKY TIWARI", "JAMNAGAR",9016847894,"2022-08-12","TERMINATED","SAVING",1000),

(04,201789632160,"VISHAL YADAV", "KUTCH",9016845555,"2021-09-13","ACTIVE","FIXED DEPOSIT",10000);

CREATE TABLE loan (LOAN\_NO INT PRIMARY KEY AUTO\_INCREMENT NOT NULL ,

BRANCH\_ID INT ,

ACCOUNT\_HOLDER\_ID INT ,

LOAN\_AMOUNT INT ,

LOAN\_TYPE VARCHAR (30) ,

FOREIGN KEY (BRANCH\_ID) REFERENCES BANK

(BRANCH\_ID), FOREIGN KEY (ACCOUNT\_HOLDER\_ID)

REFERENCES account\_holder (ACCOUNT\_HOLDER\_ID) );

INSERT INTO loan

(LOAN\_NO,BRANCH\_ID,ACCOUNT\_HOLDER\_ID,LOAN\_AMOUNT,LOAN\_TYPE) VALUES

(101,1,1,200000,"HOME LOAN"),

(201,2,2,100000,"AC LOAN"),

(301,3,3,300000,"STUDY LOAN"),

(401,4,4,400000,"CAR LOAN");

**ANSWER THE QUESTION 1 TO 5.**

**UPDATE account\_holder SET BALANCE=BALANCE-100 WHERE ACCOUNT\_HOLDER\_ID=1;**

**UPDATE account\_holder SET BALANCE=BALANCE+100 WHERE ACCOUNT\_HOLDER\_ID=2;**

**SELECT \* FROM account\_holder WHERE CITY="AHMEDABAD";**

**SELECT ACCOUNT\_HOLDER\_ID , ACCOUNT\_NO FROM account\_holder WHERE DAY(DATE\_OF\_ACCOUNT\_CREATED)>15;**

**SELECT BRANCH\_CITY, COUNT(BRANCH\_NAME)**

**AS BRANCH\_COUNT FROM bank**

**GROUP BY BRANCH\_CITY;**

**SELECT account\_holder.ACCOUNT\_HOLDER\_ID,**

**account\_holder.ACCOUNT\_HOLDER\_NAME,**

**loan.BRANCH\_ID,**

**loan.LOAN\_AMOUNT**

**FROM account\_holder INNER JOIN loan ON**

**account\_holder.ACCOUNT\_HOLDER\_ID=LOAN.ACCOUNT\_**

**HOLDER\_ID;**