**ONLINE BANKING SYSTEM QUERIES:**

>> DROP TABLE Web\_User // drop table if exists

>> CREATE TABLE Web\_User ( // Create table Web\_User

User\_name Varchar(20),

Password Vachar(20),

PRIMARY KEY(User\_name)

);

>> DROP TABLE Bank // drop table if exists

>> CREATE TABLE Bank ( // Create table Bank

bank\_code Integer PRIMARY KEY,

name Varchar(20),

Location Varchar(20),

policies Varchar(20) ,

Emp\_count Integer,

postal\_code Char(5),

loan\_details Varchar(40),

FOREIGN KEY(postal\_code) REFERENCES Zipcode(postal\_code),

);

>> DROP TABLE Employee // drop table if exists

>> CREATE TABLE Employee ( // Create table Employee

eid Integer PRIMARY KEY,

emp\_name Varchar(20) ,

designation Varchar(20),

Date\_of\_Birth Date,

phone\_num Char(10),

working\_bid Integer,

FOREIGN KEY(working\_bid) REFERENCES Branch(branch\_code)

);

>> DROP TABLE Accounts // drop table if exists

>> CREATE TABLE Accounts ( // Create table Accounts

checking\_acc\_ID Varchar(20) PRIMARY KEY,

saving\_acc\_ID Varchar(20) PRIMARY KEY,

checking\_bal Double,

saving\_bal Double,

bank\_name Varchar(20),

bank\_ID Integer,

FOREIGN KEY(bank\_ID) REFERENCES Branch(branch\_code)

);

>> DROP TABLE Customer // drop table if exists

>> CREATE TABLE Customer ( // Create table Customer

cid Integer PRIMARY KEY,

cus\_name Varchar(20),

cus\_address Varchar(20),

acc\_open\_date Date,

account\_number Varchar(20),

postal\_code Char(5),

FOREIGN KEY(postal\_code) REFERENCES Zipcode(postal\_code),

FOREIGN KEY(account\_number) REFERENCES Accounts(acc\_ID)

);

>> DROP TABLE Zipcode // drop table if exists

>> CREATE TABLE Zipcode ( // Create table Zipcode

postal\_code Char(5) PRIMARY KEY,

city Varchar(20),

state Varchar(20)

);

>> DROP TABLE Branch // drop table if exists

>> CREATE TABLE Branch ( //Create table Branch

branch\_code Integer PRIMARY KEY,

branch\_name Varchar(20),

address Varchar(20),

phone\_num Char(10),

postal\_code Char(5),

FOREIGN KEY(postal\_code) REFERENCES Zipcode(postal\_code)

);

>> DROP TABLE Cheque\_status // drop table if exists

>> CREATE TABLE Cheque\_status ( // Create table Cheque\_status

cheque\_num Varchar(20) PRIMARY KEY,

cheque\_date Date,

c\_status\_msg Varchar(20)

);

>> DROP TABLE Balance\_enquiry // drop table if exists

>> CREATE TABLE Balance\_enquiry ( // Create table Balance\_enquiry

acc\_type Varchar(20),

acc\_type Varchar(20),

bal\_enquiry Double,

FOREIGN KEY(acc\_num) REFERENCES Accounts(acc\_ID)

);

>> DROP TABLE Loan // drop table if exists

>> CREATE TABLE Loan ( // Create table Loan

Lid Varchar(10) PRIMARY KEY ,

purpose Varchar(40),

acc\_ID Varchar(20),

cid Integer,

bid Integer,

FOREIGN KEY(cid) REFERENCES Customer(cid),

FOREIGN KEY(bid) REFERENCES Branch(branch\_code)

);

>> DROP TABLE Account\_Transfer // drop table if exists

>> CREATE TABLE Account\_Transfer ( // Create table Account\_Transfer

Transfer\_from Varchar(20),

Transfer\_to Varchar(20),

Transfer\_on Date,

Memo Varchar(40)

);

>> DROP TABLE Deposit\_Checks // drop table if exists

>> CREATE TABLE Deposit\_Checks ( // Create table Deposit\_Checks

acc\_type Varchar(20) ,

dept\_amt Double

);

>> DROP TABLE Wire\_Transfer // drop table if exists

>> CREATE TABLE Wire\_Transfer ( // Create table Wire\_Transfer

recipient\_routing Varchar(20),

reciepient\_acct Varchar(20),

recipient\_phno Char(10) ,

recipient\_name Varchar(10)

);

>> DROP TABLE Global\_Transfer // drop table if exiists

>> CREATE TABLE Global\_Transfer ( // Create table Global\_Transfer

pay\_from Varhar(20),

choose\_ctry Varchar(20),

send\_amt Double ,

wire\_amt Double

);

**MULTIPLE INSERT VALUES IN A TABLE**

>> Insert INTO Web\_User ( User\_Name , Password)

VALUES

('sindhu\_reddy98','badsafbadjfu'),

('raghuveer098','haGSDYdy'),

('pranaya5678','hagsdhvahddfas');

>> INSERT INTO Bank( name,bank\_code,Location,postal\_code,loan\_details,policies,Emp\_count )

VALUES

('Chase',123,'shorewood',53211,'providing',NA,300),

('Bank of America','Chicago',56783,'Not providing',NA,678),

('Credit Union','Kenwood', 530046,'Providing',NA,233);

>> INSERT INTO Employee( eId,emp\_name,designation,DOB,phone\_num,working\_bid )

VALUES

(1,'sindhu','manager','24-06-1998',3342344567,101),

(2,'raghu','CEO','05-10-1995',4132346780,103),

(3,'KRISHNA','AGM','23-09-1999',8675665328,102);

>> INSERT INTO Accounts(checking\_acc\_ID,saving\_acc\_ID,checking\_bal,saving\_bal,bank\_ID,bank\_name)

VALUES

(2134,2345,345,567,101,'chase'),

(4234,6432,456,789,103,'Credit Union'),

(2344,2323,213,454,102,'Bank of America');

>> INSERT INTO Customer (cid,cus\_name,c\_address,acc\_open\_date,account\_number,postal\_code)

VALUES

(111,'Nahana','florida','2-23-2008',345436546,53271),

(222,'Monica','Carolina','5-09-2019',678527972,531046),

(333,'Pranaya','California','4-28-2020',134367345,53123);

>> INSERT INTO Zipcode(postal\_code,city,state)

VALUES

(53211,'milwaukee','Wisconsin'),

(53271,'xyz','florida'),

(530046,'Kenwood','Downtown);

>> INSERT INTO Branch(branch\_name,branch\_code,address,phone\_num,postal\_code)

VALUES

('downtown',234,'near TJ MAX',7897655782,53211),

('calfornia',456,'near lake michigan',2345674324,530046);

>> INSERT INTO Transaction(Tid,T\_type,T\_date,amount)

VALUES

(1234,'checking\_acc','23-09-2020',2345),

(1235,'saving\_acc','6-07-2020',2334);

>> INSERT INTO Cheque\_Status (cheque\_num, cheque\_date,C\_status\_msg)

VALUES

(10,'4-6-2010','Rent'),

(11,'5-7-2021','Groceries');

>> INSERT INTO Balance\_enquiry (acc\_type, acc\_num , bal\_enquiry)

VALUES

('checking\_acc',232432545,7654),

('saving\_acc',345666424,4567);

>> INSERT INTO Loan(Lid,purpose,acc\_id,CID,BID)

VALUES

(16,'Education',314254,111,103),

(17,'to buy Assets',124356,333,102);

>> INSERT INTO Account\_Transfer(Transfer\_from, Transfer\_to, Transfer\_on, Memo)

VALUES

('sindhu','raghu',''2-3-2021','Rent'),

('raghu', 'pranaya','8-7-2020','Grocries');

>> INSERT INTO Deposit\_Checks(acc\_type,dep\_amt)

VALUES

('checking\_acc',1000),

('saving\_acc',2456);

>> INSERT INTO Wire\_Transfer(recipient\_routing , recipient\_acct, recipient\_phno, recpient\_name)

VALUES

(12345,436457,3346789031,'Sindhu;),

(12356,453467,7659245109,'Vipula');

>> INSERT INTO Global\_Transfer(pay\_from, choose\_ctry,send\_amt,wire\_amt)

VALUES

('checking\_acc','India',1234,13546),

('saving\_acc','UK',2345,5443);