SQL QUERIES

CREATE TABLE Branch (

br\_id NUMBER(10),

br\_name VARCHAR(40),

br\_loc VARCHAR(100),

br\_city VARCHAR(100),

PRIMARY KEY(br\_id)

);

CREATE TABLE Customer (

c\_id NUMBER(10),

c\_name VARCHAR(40),

c\_add VARCHAR(100),

c\_gender CHAR(1),

c\_dob DATE,

br\_id NUMBER(10),

PRIMARY KEY(c\_id),

FOREIGN KEY(br\_id) REFERENCES Branch(br\_id)

);

CREATE TABLE Cust\_pho (

c\_id NUMBER(10),

c\_phno NUMBER(10),

PRIMARY KEY(c\_id, c\_phno),

FOREIGN KEY(c\_id) REFERENCES Customer(c\_id)

);

CREATE TABLE Employee (

e\_id NUMBER,

e\_name VARCHAR(40),

e\_dob VARCHAR(20),

e\_sal NUMBER,

br\_id NUMBER,

PRIMARY KEY(e\_id),

FOREIGN KEY(br\_id) REFERENCES Branch(br\_id)

);

CREATE TABLE emp\_phno (

e\_id NUMBER(10),

e\_phno NUMBER(10),

PRIMARY KEY(e\_id, e\_phno),

FOREIGN KEY(e\_id) REFERENCES Employee(e\_id)

);

CREATE TABLE Loan(

loan\_id NUMBER(10),

loan\_amt NUMBER(10),

loan\_type VARCHAR(40),

loan\_duration VARCHAR(40),

c\_id NUMBER(10),

br\_id NUMBER(10),

PRIMARY KEY(loan\_id),

FOREIGN KEY(c\_id) REFERENCES Customer(c\_id),

FOREIGN KEY(br\_id) REFERENCES Branch(br\_id)

);

CREATE TABLE Account (

acc\_no NUMBER(10),

acc\_type VARCHAR(15),

acc\_bal NUMBER(10),

c\_id NUMBER(10),

e\_id NUMBER(10),

PRIMARY KEY(acc\_no),

FOREIGN KEY(c\_id) REFERENCES Customer(c\_id),

FOREIGN KEY(e\_id) REFERENCES Employee(e\_id)

);

CREATE TABLE Trans(

t\_id NUMBER(10),

t\_amt NUMBER(10),

t\_date DATE,

t\_acc NUMBER(10),

acc\_no NUMBER(10),

PRIMARY KEY(t\_id),

FOREIGN KEY(acc\_no) REFERENCES ACCOUNT(acc\_no)

);

INSERT INTO Branch VALUES(2006, 'Chennai', 'via NH5', 'Tamil Nadu');

INSERT INTO Branch VALUES(7005, 'vizag', 'oop pvr mall', 'Andrapradhesh');

INSERT INTO Branch VALUES(5004, 'vijaywada', 'ben circle', 'Andrapradhesh');

INSERT INTO Branch VALUES(2003, 'amrita', 'kasavanahalli', 'Bangalore');

INSERT INTO Branch VALUES(2002, 'marthahalli', 'outer ring road', 'Bangalore');

INSERT INTO Branch VALUES(1001, 'sarjapur', 'hosa road', 'Bangalore');

INSERT INTO Employee VALUES(790, 'Alia', DATE '2000-10-18', 30000, 2006);

INSERT INTO Employee VALUES(235, 'smrithi', DATE '2001-11-19', 50000, 5004);

INSERT INTO Employee VALUES(745, 'rohit', DATE '2002-05-27', 40000, 2002);

INSERT INTO Employee VALUES(343, 'virat', DATE '1999-09-07', 20000, 2002);

INSERT INTO Employee VALUES(120, 'raju', DATE '2002-12-19', 20000, 1001);

INSERT INTO Emp\_phno VALUES(120, 7013087296);

INSERT INTO Emp\_phno VALUES(120, 8309007553);

INSERT INTO Emp\_phno VALUES(343, 9908789099);

INSERT INTO Emp\_phno VALUES(745, 9989849658);

INSERT INTO Emp\_phno VALUES(745, 9988533642);

INSERT INTO Emp\_phno VALUES(235, 8688384676);

INSERT INTO Emp\_phno VALUES(790, 7659983401);

INSERT INTO Customer VALUES(404040, 'vamsi', 'gandi-nagar,Bangalore', 'M', DATE '2002-12-19', 1001);

INSERT INTO Customer VALUES(505050, 'satwik', 'benz circle, Andrapradesh', 'M', DATE '2002-07-21', 2002);

INSERT INTO Customer VALUES(101010, 'aditya', 'amrita-nagar, Bangalore', 'M', DATE '2001-10-19', 2003);

INSERT INTO Customer VALUES(202020, 'vimal', 'trends mall, Andrapradesh', 'M', DATE '2001-09-29',2006);

INSERT INTO Customer VALUES(303030, 'samanta', 'marthahalli, Bangalore', 'F', DATE '1995-11-19', 2006);

INSERT INTO Cust\_phno VALUES(404040, 5673087296);

INSERT INTO Cust\_phno VALUES(404040, 3459007553);

INSERT INTO Cust\_phno VALUES(505050, 7568781199);

INSERT INTO Cust\_phno VALUES(101010, 8899843558);

INSERT INTO Cust\_phno VALUES(101010, 9988587342);

INSERT INTO Cust\_phno VALUES(202020, 7778384676);

INSERT INTO Cust\_phno VALUES(303030, 9349983401);

INSERT INTO Account VALUES(123, 'savings', 20000, 404040, 120);

INSERT INTO Account VALUES(234, 'current', 10000, 505050, 120);

INSERT INTO Account VALUES(345, 'savings', 200000, 101010, 745);

INSERT INTO Account VALUES(456, 'current', 100000, 202020, 343);

INSERT INTO Account VALUES(567, 'savings', 40000, 303030, 235);

INSERT INTO Account VALUES(678, 'savings', 400000, 101010, 235);

INSERT INTO Loan VALUES(6788, 400000, 'crop loan', '2years', 101010, 1001);

INSERT INTO Loan VALUES(2345, 300000, 'house loan', '1year', 202020, 2002);

INSERT INTO Loan VALUES(8979, 200000, 'education', '5years', 303030, 2002);

INSERT INTO Loan VALUES(1098, 200000, 'bussiness', '3years', 404040, 2003);

INSERT INTO Loan VALUES(4567, 500000, 'stocks', '6months', 505050, 5004);

INSERT INTO Trans VALUES(12456, 2000, DATE '2022-11-02', 234, 123);

INSERT INTO Trans VALUES(46898, 4000, DATE '2022-10-31', 345, 234);

INSERT INTO Trans VALUES(87456, 5000, DATE '2022-10-30', 456, 345);

INSERT INTO Trans VALUES(00011, 10000, DATE '2022-11-02', 123, 456);

INSERT INTO Trans VALUES(22002, 200, DATE '2022-11-01', 123, 567);