

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_phno (  
  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);
```

