**Schema Creation & Insertion of values**

BEGIN

EXECUTE IMMEDIATE 'DROP TABLE Transactions';

EXECUTE IMMEDIATE 'DROP TABLE Accounts';

EXECUTE IMMEDIATE 'DROP TABLE Loans';

EXECUTE IMMEDIATE 'DROP TABLE Employees';

EXECUTE IMMEDIATE 'DROP TABLE Customers';

EXCEPTION

WHEN OTHERS THEN NULL;

END;

/

-- SCHEMA

CREATE TABLE Customers (

CustomerID NUMBER PRIMARY KEY,

Name VARCHAR2(100),

DOB DATE,

Balance NUMBER,

LastModified DATE,

IsVIP VARCHAR2(5)

);

CREATE TABLE Accounts (

AccountID NUMBER PRIMARY KEY,

CustomerID NUMBER,

AccountType VARCHAR2(20),

Balance NUMBER,

LastModified DATE,

FOREIGN KEY (CustomerID) REFERENCES Customers(CustomerID)

);

CREATE TABLE Transactions (

TransactionID NUMBER PRIMARY KEY,

AccountID NUMBER,

TransactionDate DATE,

Amount NUMBER,

TransactionType VARCHAR2(10),

FOREIGN KEY (AccountID) REFERENCES Accounts(AccountID)

);

CREATE TABLE Loans (

LoanID NUMBER PRIMARY KEY,

CustomerID NUMBER,

LoanAmount NUMBER,

InterestRate NUMBER,

StartDate DATE,

EndDate DATE,

FOREIGN KEY (CustomerID) REFERENCES Customers(CustomerID)

);

CREATE TABLE Employees (

EmployeeID NUMBER PRIMARY KEY,

Name VARCHAR2(100),

Position VARCHAR2(50),

Salary NUMBER,

Department VARCHAR2(50),

HireDate DATE

);

INSERT INTO Customers VALUES (1, 'John Doe', TO\_DATE('1950-05-15', 'YYYY-MM-DD'), 1000, SYSDATE, NULL);

INSERT INTO Customers VALUES (2, 'Jane Smith', TO\_DATE('1960-07-20', 'YYYY-MM-DD'), 15000, SYSDATE, NULL);

INSERT INTO Accounts VALUES (1, 1, 'Savings', 1000, SYSDATE);

INSERT INTO Accounts VALUES (2, 2, 'Checking', 1500, SYSDATE);

INSERT INTO Transactions VALUES (1, 1, SYSDATE, 200, 'Deposit');

INSERT INTO Transactions VALUES (2, 2, SYSDATE, 300, 'Withdrawal');

INSERT INTO Loans VALUES (1, 1, 5000, 5, SYSDATE, SYSDATE + 15);

INSERT INTO Employees VALUES (1, 'Alice Johnson', 'Manager', 70000, 'HR', TO\_DATE('2015-06-15', 'YYYY-MM-DD'));

INSERT INTO Employees VALUES (2, 'Bob Brown', 'Developer', 60000, 'IT', TO\_DATE('2017-03-20', 'YYYY-MM-DD'));

COMMIT;