-- Creating CUSTOMERS table

CREATE TABLE CUSTOMERS (

    CustomerID NUMBER PRIMARY KEY,

    Name VARCHAR2(100),

    Age NUMBER,

    Balance NUMBER,

    IsVIP CHAR(1)

);

-- Creating LOANS table

CREATE TABLE LOANS (

    LoanID NUMBER PRIMARY KEY,

    CustomerID NUMBER REFERENCES CUSTOMERS(CustomerID),

    InterestRate NUMBER,

    DueDate DATE

);

-- Inserting sample data

INSERT INTO CUSTOMERS VALUES (1, 'Sakthi', 65, 15000, 'N');

INSERT INTO CUSTOMERS VALUES (2, 'Varsha', 45, 8000, 'N');

INSERT INTO CUSTOMERS VALUES (3, 'Thamarai', 70, 12000, 'N');

INSERT INTO LOANS VALUES (101, 1, 7.5, SYSDATE + 10);

INSERT INTO LOANS VALUES (102, 2, 8.0, SYSDATE + 40);

INSERT INTO LOANS VALUES (103, 3, 6.5, SYSDATE + 5);

COMMIT;

BEGIN

    FOR rec IN (

        SELECT l.LoanID, c.Name, l.DueDate

        FROM LOANS l

        JOIN CUSTOMERS c ON l.CustomerID = c.CustomerID

        WHERE l.DueDate BETWEEN SYSDATE AND SYSDATE + 30

    ) LOOP

        DBMS\_OUTPUT.PUT\_LINE('Reminder: Loan ID ' || rec.LoanID ||

                             ' for customer ' || rec.Name ||

                             ' is due on ' || TO\_CHAR(rec.DueDate, 'DD-MON-YYYY'));

    END LOOP;

END;

