-- Scenario 1: Apply discount to loan interest rates for customers above 60 years old

DECLARE

    CURSOR loan\_cursor IS

        SELECT l.LoanID, l.CustomerID, l.InterestRate, c.DOB

        FROM Loans l

        JOIN Customers c ON l.CustomerID = c.CustomerID;

    loan\_rec loan\_cursor%ROWTYPE;

    age NUMBER;

BEGIN

    OPEN loan\_cursor;

    LOOP

        FETCH loan\_cursor INTO loan\_rec;

        EXIT WHEN loan\_cursor%NOTFOUND;

        age := TRUNC(MONTHS\_BETWEEN(SYSDATE, loan\_rec.DOB) / 12);

        IF age > 60 THEN

            UPDATE Loans

            SET InterestRate = loan\_rec.InterestRate \* 0.99

            WHERE LoanID = loan\_rec.LoanID;

        END IF;

    END LOOP;

    CLOSE loan\_cursor;

END;

-- Scenario 2: Promote customers to VIP status based on their balance

DECLARE

    CURSOR customer\_cursor IS

        SELECT CustomerID, Balance

        FROM Customers;

    customer\_rec customer\_cursor%ROWTYPE;

BEGIN

    OPEN customer\_cursor;

    LOOP

        FETCH customer\_cursor INTO customer\_rec;

        EXIT WHEN customer\_cursor%NOTFOUND;

        IF customer\_rec.Balance > 10000 THEN

            UPDATE Customers

            SET IsVIP = TRUE

            WHERE CustomerID = customer\_rec.CustomerID;

        END IF;

    END LOOP;

    CLOSE customer\_cursor;

END;

-- Scenario 3: Send reminders to customers whose loans are due within the next 30 days

DECLARE

    CURSOR loan\_cursor IS

        SELECT l.LoanID, l.CustomerID, l.EndDate

        FROM Loans l

        WHERE l.EndDate - SYSDATE <= 30;

    loan\_rec loan\_cursor%ROWTYPE;

BEGIN

    OPEN loan\_cursor;

    LOOP

        FETCH loan\_cursor INTO loan\_rec;

        EXIT WHEN loan\_cursor%NOTFOUND;

        DBMS\_OUTPUT.PUT\_LINE('Reminder sent to customer ' || loan\_rec.CustomerID || ' for loan ' || loan\_rec.LoanID);

    END LOOP;

    CLOSE loan\_cursor;

END;