-- Scenario 1: Generate monthly statements for all customers

DECLARE

    CURSOR customer\_cursor IS

        SELECT CustomerID, Name

        FROM Customers;

    customer\_rec customer\_cursor%ROWTYPE;

    statement VARCHAR2(100);

BEGIN

    OPEN customer\_cursor;

    LOOP

        FETCH customer\_cursor INTO customer\_rec;

        EXIT WHEN customer\_cursor%NOTFOUND;

        statement := 'Statement for customer ' || customer\_rec.Name || ' with ID ' || customer\_rec.CustomerID;

        DBMS\_OUTPUT.PUT\_LINE(statement);

    END LOOP;

    CLOSE customer\_cursor;

END;

-- Scenario 2: Apply annual fee to all accounts

DECLARE

    CURSOR account\_cursor IS

        SELECT AccountID, Balance

        FROM Accounts;

    account\_rec account\_cursor%ROWTYPE;

BEGIN

    OPEN account\_cursor;

    LOOP

        FETCH account\_cursor INTO account\_rec;

        EXIT WHEN account\_cursor%NOTFOUND;

        UPDATE Accounts

        SET Balance = account\_rec.Balance - 100

        WHERE AccountID = account\_rec.AccountID;

    END LOOP;

    CLOSE account\_cursor;

END;

-- Scenario 3: Update the interest rate for all loans based on a new policy

DECLARE

    CURSOR loan\_cursor IS

        SELECT LoanID, InterestRate

        FROM Loans;

    loan\_rec loan\_cursor%ROWTYPE;

BEGIN

    OPEN loan\_cursor;

    LOOP

        FETCH loan\_cursor INTO loan\_rec;

        EXIT WHEN loan\_cursor%NOTFOUND;

        UPDATE Loans

        SET InterestRate = loan\_rec.InterestRate \* 1.05

        WHERE LoanID = loan\_rec.LoanID;

    END LOOP;

    CLOSE loan\_cursor;

END;