**Scenario 1:**

DECLARE

CURSOR c\_transactions IS

SELECT CustomerID, TransactionDate, Amount, Description

FROM Transactions

WHERE EXTRACT(MONTH FROM TransactionDate) = EXTRACT(MONTH FROM SYSDATE)

AND EXTRACT(YEAR FROM TransactionDate) = EXTRACT(YEAR FROM SYSDATE);

v\_customerID Customers.CustomerID%TYPE;

v\_transactionDate Transactions.TransactionDate%TYPE;

v\_amount Transactions.Amount%TYPE;

v\_description Transactions.Description%TYPE;

BEGIN

OPEN c\_transactions;

LOOP

FETCH c\_transactions INTO v\_customerID, v\_transactionDate, v\_amount, v\_description;

EXIT WHEN c\_transactions%NOTFOUND;

-- Print or generate the monthly statement for each customer

DBMS\_OUTPUT.PUT\_LINE('Customer ID: ' || v\_customerID ||

' Date: ' || v\_transactionDate ||

' Amount: ' || v\_amount ||

' Description: ' || v\_description);

-- Additional logic to generate the statement can be added here

END LOOP;

CLOSE c\_transactions;

END;

**Scenario 2:**

DECLARE

CURSOR c\_accounts IS

SELECT AccountID, Balance

FROM Accounts;

v\_accountID Accounts.AccountID%TYPE;

v\_balance Accounts.Balance%TYPE;

annualFee CONSTANT DECIMAL(10,2) := 50.00; -- Example annual fee

BEGIN

OPEN c\_accounts;

LOOP

FETCH c\_accounts INTO v\_accountID, v\_balance;

EXIT WHEN c\_accounts%NOTFOUND;

-- Deduct annual fee from each account

UPDATE Accounts

SET Balance = v\_balance - annualFee

WHERE AccountID = v\_accountID;

END LOOP;

CLOSE c\_accounts;

END;

**Scenario 3:**

DECLARE

CURSOR c\_loans IS

SELECT LoanID, InterestRate

FROM Loans;

v\_loanID Loans.LoanID%TYPE;

v\_interestRate Loans.InterestRate%TYPE;

newInterestRate DECIMAL(5,2);

BEGIN

OPEN c\_loans;

LOOP

FETCH c\_loans INTO v\_loanID, v\_interestRate;

EXIT WHEN c\_loans%NOTFOUND;

-- Example logic to update interest rate based on a new policy

newInterestRate := v\_interestRate \* 1.05; -- Increase by 5%

UPDATE Loans

SET InterestRate = newInterestRate

WHERE LoanID = v\_loanID;

END LOOP;

CLOSE c\_loans;

END;