**Exercise 1: Control Structures**

**-- Scenario 1**

BEGIN

FOR c IN (SELECT CustomerID FROM Customers WHERE MONTHS\_BETWEEN(SYSDATE, DOB)/12 > 60) LOOP

UPDATE Loans

SET InterestRate = InterestRate - 1

WHERE CustomerID = c.CustomerID;

END LOOP;

COMMIT;

END;

/

**-- Scenario 2**

BEGIN

FOR c IN (SELECT CustomerID, Balance FROM Customers) LOOP

IF c.Balance > 10000 THEN

UPDATE Customers SET LastModified = SYSDATE, IsVIP = 'TRUE' WHERE CustomerID = c.CustomerID;

END IF;

END LOOP;

COMMIT;

END;

/

**-- Scenario 3**

BEGIN

FOR l IN (

SELECT L.LoanID, L.CustomerID, C.Name, L.EndDate

FROM Loans L

JOIN Customers C ON L.CustomerID = C.CustomerID

WHERE L.EndDate BETWEEN SYSDATE AND SYSDATE + 30

) LOOP

DBMS\_OUTPUT.PUT\_LINE('Reminder: Loan ID ' || l.LoanID || ' for customer ' || l.Name || ' is due on ' || TO\_CHAR(l.EndDate, 'DD-MON-YYYY'));

END LOOP;

END;

/