**Exercise 1: Control Structures**

**Scenario 1:**

BEGIN

   FOR rec IN (

      SELECT l.LoanID, l.InterestRate, c.Name, TRUNC(MONTHS\_BETWEEN(SYSDATE, c.DOB)/12) AS Age

      FROM Loans l

      JOIN Customers c ON l.CustomerID = c.CustomerID

   )

   LOOP

      IF rec.Age > 60 THEN

         UPDATE Loans

         SET InterestRate = InterestRate - (InterestRate \* 0.01)

         WHERE LoanID = rec.LoanID;

         DBMS\_OUTPUT.PUT\_LINE('✅ 1% discount applied for ' || rec.Name || ' (Age: ' || rec.Age || ')');

      END IF;

   END LOOP;

   COMMIT;

END;

**Scenario 2:**

ALTER TABLE Customers ADD IsVIP VARCHAR2(5);

SET SERVEROUTPUT ON;

BEGIN

   FOR cust\_rec IN (

      SELECT CustomerID, Name, Balance

      FROM Customers

   )

   LOOP

      IF cust\_rec.Balance > 10000 THEN

         UPDATE Customers

         SET IsVIP = 'TRUE'

         WHERE CustomerID = cust\_rec.CustomerID;

         DBMS\_OUTPUT.PUT\_LINE('🌟 ' || cust\_rec.Name || ' promoted to VIP (Balance: ₹' || cust\_rec.Balance || ')');

      END IF;

   END LOOP;

   COMMIT;

END;