Exercise 1

-- Scenario 1  
BEGIN  
 FOR cust IN (SELECT \* FROM Customers) LOOP  
 IF MONTHS\_BETWEEN(SYSDATE, cust.DOB) / 12 > 60 THEN  
 UPDATE Loans SET InterestRate = InterestRate - 1 WHERE CustomerID = cust.CustomerID;  
 END IF;  
 END LOOP;  
END;  
/  
  
-- Scenario 2  
BEGIN  
 FOR cust IN (SELECT \* FROM Customers) LOOP  
 IF cust.Balance > 10000 THEN  
 UPDATE Customers SET Balance = Balance WHERE CustomerID = cust.CustomerID; -- Placeholder for IsVIP flag  
 END IF;  
 END LOOP;  
END;  
/  
  
-- Scenario 3  
BEGIN  
 FOR loan IN (SELECT \* FROM Loans WHERE EndDate <= SYSDATE + 30) LOOP  
 DBMS\_OUTPUT.PUT\_LINE('Reminder: Loan ' || loan.LoanID || ' is due soon for Customer ' || loan.CustomerID);  
 END LOOP;  
END;  
/  
  
OUTPUT:

PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

Reminder: Loan 1 is due soon for Customer 1

Reminder: Loan 2 is due soon for Customer 2

PL/SQL procedure successfully completed.