Exercise 3

-- Scenario 1  
CREATE OR REPLACE PROCEDURE ProcessMonthlyInterest AS  
BEGIN  
 UPDATE Accounts SET Balance = Balance + (Balance \* 0.01) WHERE AccountType = 'Savings';  
END;  
/  
  
-- Scenario 2  
CREATE OR REPLACE PROCEDURE UpdateEmployeeBonus(p\_dept VARCHAR2, p\_bonus NUMBER) AS  
BEGIN  
 UPDATE Employees SET Salary = Salary + (Salary \* p\_bonus / 100) WHERE Department = p\_dept;  
END;  
/  
  
-- Scenario 3  
CREATE OR REPLACE PROCEDURE TransferFunds(p\_from NUMBER, p\_to NUMBER, p\_amount NUMBER) AS  
 v\_balance NUMBER;  
BEGIN  
 SELECT Balance INTO v\_balance FROM Accounts WHERE AccountID = p\_from;  
 IF v\_balance >= p\_amount THEN  
 UPDATE Accounts SET Balance = Balance - p\_amount WHERE AccountID = p\_from;  
 UPDATE Accounts SET Balance = Balance + p\_amount WHERE AccountID = p\_to;  
 COMMIT;  
 ELSE  
 DBMS\_OUTPUT.PUT\_LINE('Insufficient balance');  
 END IF;  
END;  
/  
  
OUTPUT:

PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

Insufficient balance

PL/SQL procedure successfully completed.