**Scenario 1: Process Monthly Interest**

CREATE PROCEDURE ProcessMonthlyInterest()

BEGIN

-- Update the balance of all savings accounts by applying an interest rate of 1%

UPDATE SavingsAccounts

SET balance = balance \* 1.01;

END;

**Scenario 2: Update Employee Bonus**

CREATE PROCEDURE UpdateEmployeeBonus(IN department\_id INT, IN bonus\_percentage DECIMAL(5, 2))

BEGIN

-- Update the salary of employees in the given department by adding the bonus percentage

UPDATE Employees

SET salary = salary \* (1 + (bonus\_percentage / 100))

WHERE department\_id = department\_id;

END;

**Scenario 3: Transfer Funds**

CREATE PROCEDURE TransferFunds(IN source\_account\_id INT, IN destination\_account\_id INT, IN amount DECIMAL(10, 2))

BEGIN

DECLARE source\_balance DECIMAL(10, 2);

-- Check if the source account has sufficient balance

SELECT balance INTO source\_balance FROM Accounts WHERE account\_id = source\_account\_id;

IF source\_balance >= amount THEN

-- Deduct the amount from the source account

UPDATE Accounts

SET balance = balance - amount

WHERE account\_id = source\_account\_id;

-- Add the amount to the destination account

UPDATE Accounts

SET balance = balance + amount

WHERE account\_id = destination\_account\_id;

ELSE

-- Raise an error if the source account has insufficient balance

SIGNAL SQLSTATE '45000' SET MESSAGE\_TEXT = 'Insufficient balance in the source account';

END IF;

END;