

# Solution

## Scenario: 1

```
CREATE OR REPLACE PROCEDURE ProcessMonthlyInterest
IS
BEGIN
    UPDATE accounts set balance=balance*1.01
    Where accounttype='SAVINGS';
END;
/
```

## Scenario: 2

```
CREATE OR REPLACE PROCEDURE UpdateEmployeeBonus(DEPART VARCHAR2,
BONUS_PERCENTAGE NUMBER)
IS
BEGIN
    UPDATE EMPLOYEE
    SET SALARY = SALARY * (1 + BONUS_PERCENTAGE / 100)
    WHERE DEPARTMENT = DEPART;
    COMMIT;
END;
/
```

## Scenario: 3

```
CREATE OR REPLACE PROCEDURE TransferFunds (src_accid NUMBER,
dest_accid NUMBER, amt NUMBER)
IS
    total_balance NUMBER;
BEGIN
    SELECT balance INTO total_balance FROM accounts WHERE
accountid = src_accid;
    IF total_balance < amt THEN
        RAISE_APPLICATION_ERROR(-20001, 'Insufficient funds');
    END IF;
    UPDATE accounts SET balance = balance - amt WHERE accountid =
src_accid;
    UPDATE accounts SET balance = balance + amt WHERE accountid =
dest_accid;
    COMMIT;
EXCEPTION
    WHEN OTHERS THEN
        ROLLBACK;
```

```
        DBMS_OUTPUT.PUT_LINE('ERROR DURING FUNDS TRANSFER: ' ||  
SQLERRM);  
    END;  
/
```