CREATE TABLE accounts (

account\_id NUMBER,

account\_type VARCHAR2(20), -- e.g., 'Savings'

balance NUMBER

);

CREATE TABLE employees (

emp\_id NUMBER,

name VARCHAR2(50),

department\_id NUMBER,

salary NUMBER

);

**Scenario 1: ProcessMonthlyInterest**

CREATE OR REPLACE PROCEDURE ProcessMonthlyInterest IS

BEGIN

FOR acc IN (SELECT account\_id, balance FROM accounts WHERE account\_type = 'Savings') LOOP

UPDATE accounts

SET balance = balance + (acc.balance \* 0.01)

WHERE account\_id = acc.account\_id;

END LOOP;

COMMIT;

END;

**Scenario 2: UpdateEmployeeBonus**

CREATE OR REPLACE PROCEDURE UpdateEmployeeBonus (

deptId IN NUMBER,

bonusPercent IN NUMBER

) IS

BEGIN

FOR emp IN (SELECT emp\_id, salary FROM employees WHERE department\_id = deptId) LOOP

UPDATE employees

SET salary = salary + (emp.salary \* bonusPercent / 100)

WHERE emp\_id = emp.emp\_id;

END LOOP;

COMMIT;

END;

**Scenario 3: TransferFunds**

CREATE OR REPLACE PROCEDURE TransferFunds (

fromAccount IN NUMBER,

toAccount IN NUMBER,

amount IN NUMBER

) IS

fromBalance NUMBER;

BEGIN

SELECT balance INTO fromBalance FROM accounts WHERE account\_id = fromAccount;

IF fromBalance >= amount THEN

UPDATE accounts

SET balance = balance - amount

WHERE account\_id = fromAccount;

UPDATE accounts

SET balance = balance + amount

WHERE account\_id = toAccount;

COMMIT;

ELSE

DBMS\_OUTPUT.PUT\_LINE('Insufficient balance in source account.');

END IF;

END;