Scenario-1

CREATE OR REPLACE PROCEDURE ProcessMonthlyInterest IS

BEGIN

-- Update all savings accounts by applying 1% interest

UPDATE accounts

SET balance = balance + (balance \* 0.01)

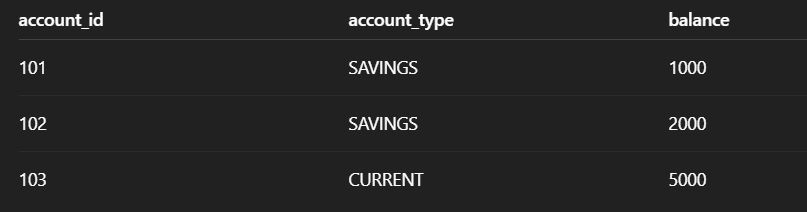
WHERE account\_type = 'SAVINGS';

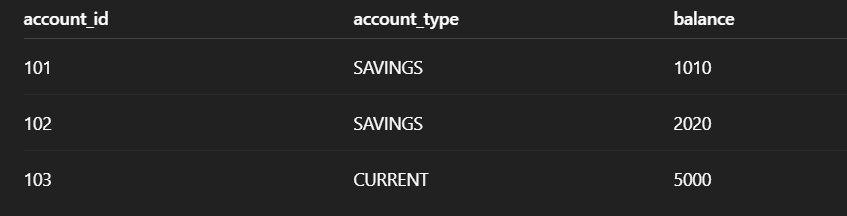
COMMIT;

END;

/

OUTPUT 🡪





Scenario-2

CREATE OR REPLACE PROCEDURE UpdateEmployeeBonus(

dept\_id IN NUMBER,

bonus\_percent IN NUMBER

) IS

BEGIN

UPDATE employees

SET salary = salary + (salary \* bonus\_percent / 100)

WHERE department\_id = dept\_id;

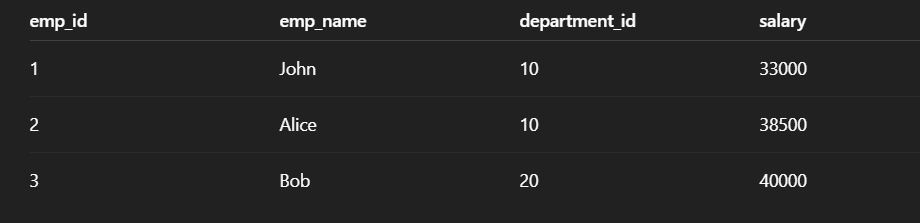
COMMIT;

END;

/

OUTPUT 🡪





Scenario-3

CREATE OR REPLACE PROCEDURE TransferFunds(

source\_account\_id IN NUMBER,

destination\_account\_id IN NUMBER,

amount IN NUMBER

) IS

source\_balance NUMBER;

BEGIN

-- Check source account balance

SELECT balance INTO source\_balance

FROM accounts

WHERE account\_id = source\_account\_id

FOR UPDATE;

IF source\_balance < amount THEN

RAISE\_APPLICATION\_ERROR(-20001, 'Insufficient balance in source account.');

END IF;

-- Deduct from source

UPDATE accounts

SET balance = balance - amount

WHERE account\_id = source\_account\_id;

-- Add to destination

UPDATE accounts

SET balance = balance + amount

WHERE account\_id = destination\_account\_id;

COMMIT;

END;

/

OUTPUT 🡪

