-- Stored function for addition

CREATE OR REPLACE FUNCTION add\_numbers (num1 IN NUMBER, num2 IN NUMBER)

RETURN NUMBER IS

BEGIN

RETURN num1 + num2;

END add\_numbers;

/

-- Stored function for subtraction

CREATE OR REPLACE FUNCTION subtract\_numbers (num1 IN NUMBER, num2 IN NUMBER)

RETURN NUMBER IS

BEGIN

RETURN num1 - num2;

END subtract\_numbers;

/

-- Stored function for multiplication

CREATE OR REPLACE FUNCTION multiply\_numbers (num1 IN NUMBER, num2 IN NUMBER)

RETURN NUMBER IS

BEGIN

RETURN num1 \* num2;

END multiply\_numbers;

/

-- Stored function for division

CREATE OR REPLACE FUNCTION divide\_numbers (num1 IN NUMBER, num2 IN NUMBER)

RETURN NUMBER IS

BEGIN

IF num2 = 0 THEN

RETURN NULL; -- To avoid division by zero

ELSE

RETURN num1 / num2;

END IF;

END divide\_numbers;

/

-- Main Procedure

CREATE OR REPLACE PROCEDURE perform\_operations (

num1 IN NUMBER,

num2 IN NUMBER) IS

-- Local function for addition

FUNCTION local\_add (n1 IN NUMBER, n2 IN NUMBER) RETURN NUMBER IS

BEGIN

RETURN n1 + n2;

END local\_add;

-- Local function for subtraction

FUNCTION local\_subtract (n1 IN NUMBER, n2 IN NUMBER) RETURN NUMBER IS

BEGIN

RETURN n1 - n2;

END local\_subtract;

-- Local function for multiplication

FUNCTION local\_multiply (n1 IN NUMBER, n2 IN NUMBER) RETURN NUMBER IS

BEGIN

RETURN n1 \* n2;

END local\_multiply;

-- Local function for division

FUNCTION local\_divide (n1 IN NUMBER, n2 IN NUMBER) RETURN NUMBER IS

BEGIN

IF n2 = 0 THEN

RETURN NULL; -- To avoid division by zero

ELSE

RETURN n1 / n2;

END IF;

END local\_divide;

BEGIN

-- Call the local functions

DBMS\_OUTPUT.PUT\_LINE('Addition (Local): ' || local\_add(num1, num2));

DBMS\_OUTPUT.PUT\_LINE('Subtraction (Local): ' || local\_subtract(num1, num2));

DBMS\_OUTPUT.PUT\_LINE('Multiplication (Local): ' || local\_multiply(num1, num2));

DBMS\_OUTPUT.PUT\_LINE('Division (Local): ' || local\_divide(num1, num2));

-- Call the stored functions

DBMS\_OUTPUT.PUT\_LINE('Addition (Stored): ' || add\_numbers(num1, num2));

DBMS\_OUTPUT.PUT\_LINE('Subtraction (Stored): ' || subtract\_numbers(num1, num2));

DBMS\_OUTPUT.PUT\_LINE('Multiplication (Stored): ' || multiply\_numbers(num1, num2));

DBMS\_OUTPUT.PUT\_LINE('Division (Stored): ' || divide\_numbers(num1, num2));

END perform\_operations;

/

EXEC perform\_operations(10,20);