**8. Create a procedure to demonstrate IN, OUT and INOUT parameters.**

**The procedure should perform the following operations:**

**1. Accept three parameters:**

a (integer) as an IN parameter.

b (integer) as an IN parameter.

initial\_result (integer) as an INOUT parameter.

**2. Calculate the sum of the a and b parameters and update initial\_result with this sum.**

**3. Output the final sum through an OUT parameter named final\_result.**

**mysql>**

DELIMITER $$

CREATE PROCEDURE add\_numbers(

IN num1 INT, -- IN parameter

INOUT num2 INT, -- INOUT parameter

OUT result INT -- OUT parameter

)

BEGIN

-- Perform the addition of num1 and num2

SET result = num1 + num2;

-- Modify the INOUT parameter (increment num2 by 1)

SET num2 = num2 + 1;

-- Optionally, display values using SELECT for debugging

SELECT CONCAT('Result of addition: ', result) AS result\_message;

SELECT CONCAT('Modified num2 (INOUT): ', num2) AS num2\_message;

END $$

DELIMITER ;

**OUTPUT:**



