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-- =====
-- Stored Procedure and Function
-- =====

-- Change delimiter to support compound statements
DELIMITER $$

-- Stored Procedure: Adds two numbers
CREATE PROCEDURE AddNumbers (
    IN num1 INT,
    IN num2 INT,
    OUT sum INT
)
BEGIN
    SET sum = num1 + num2;
END $$

-- Function: Calculates square of a number
CREATE FUNCTION SquareNumber (num INT)
RETURNS INT
DETERMINISTIC
BEGIN
    RETURN num * num;
END $$

-- Reset delimiter
DELIMITER ;

-- Example calls:

-- CALL AddNumbers(5, 10, @result);
-- SELECT @result;

-- SELECT SquareNumber(4);

```