Exercise 1: Creating and Calling Simple Functions

Objective

Create a function that takes two numbers as parameters, calculates their sum, and returns the result. Then, create another function that multiplies the sum by a given factor.

Instructions

1. **Create the `add` Function:** Write a function called `add` that takes two numbers as parameters and returns their sum.
2. **Create the `multiplySum` Function:** Write a function called `multiplySum` that takes the sum and a factor as parameters and returns the product.
3. **Call Both Functions:** Call the `add` function with two numbers of your choice, and then pass the result along with a factor to the `multiplySum` function.
4. **Print the Result:** Display the final result on the console.

Exercise 2: Recursive Function to Calculate Fibonacci Series

Objective

Write a recursive function to calculate the nth number in the Fibonacci sequence.

Instructions

1. **Create the `fibonacci` Function:** Write a recursive function called `fibonacci` that takes a single parameter `n`, representing the position of the number in the Fibonacci sequence.
2. **Base Cases:** Include base cases for `n = 0` (return 0) and `n = 1` (return 1).
3. **Recursive Call:** If `n > 1`, call the `fibonacci` function recursively with `n-1` and `n-2`, and return the sum of these two calls.
4. **Test the Function:** Call the `fibonacci` function with different values of `n` and print the results to the console.