

Assignment 2: Recursive Fibonacci Function

Objective: Write a recursive function to compute the nth Fibonacci number.

Instructions:

1. Implement a recursive function `fibonacci(n)` that computes the n^{th} Fibonacci number.
2. The Fibonacci sequence is defined as:
$$F(0) = 0$$
$$F(1) = 1$$
$$\text{for } n \geq 2, F(n) = F(n-1) + F(n-2)$$
3. Test your function with different values of n (e.g., 5, 10, 15) and print the results.