

FileEditSelectionViewGoRunTerminalHelp

assignment 7

EXPLORER

ASSIGNMENT 7

copilot_test.cpp

OUTLINE

TIMELINE

copilot_test.cpp

copilot_test.cpp > main()

1#include <iostream>

Write a function that returns the Fibonacci sequence up to n

wrap the code in a main function with all the other necessary lines needed to run the code

Ask or edit in context

GPT-4.1

AcceptClose

2#include <vector>

3using namespace std;

4vector<int> fibonacci(int n) {

5vector<int> sequence;

6if (n < 0) return sequence;

7int a = 0, b = 1;

8while (a <= n) {

9sequence.push_back(a);

10int next = a + b;

11a = b;

12b = next;

13}

14return sequence;

15}

16

17int main() {

18int n;

19cout << "Enter n: ";

20cin >> n;

21vector<int> fib = fibonacci(n);

22cout << "Fibonacci sequence up to " << n << ": ";

23for (int num : fib) {

24cout << num << " ";

25}

26cout << endl;

27return 0;

28}

Add Context...

copilot_test.cpp

Add context (#), extensions

A...GPT...

Ln 26, Col 5Spaces: 4UTF-8CRLF{} C++Win32

