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                          copilot_test.cpp ×
                          Users > mathieuneel > vscode > copilot_test.cpp
                                                     using namespace std;
                                                     // Function to return the Fibonacci sequence up to n
                                                     vector<int> fibonacci(int n) {
                                                                    vector<int> fib:
                                 11
                                                                    if (n == 0) return fib;
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                                                                    fib.push_back(0);
                                                                    if (n == 1) return fib;
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                                17
                                                                    fib.push_back(1);
                                                                    for (int i = 2; i < n; i++) fib.push back(fib[i-1] + fib[i-2]);
                                                                    return fib;
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                              PROBLEMS
                                                                         OUTPUT
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                                                                                                                                                                                       DEBUG CONSOLE
                              bash: no job control in this shell
                       hewwo:~ mathieuneel$ cd vscode/
                       hewwo:vscode mathieuneel$ ls
                              copilot_test.cpp
                       hewwo:vscode mathieuneel$ g++ copilot_test.cpp -o copilot_test
                       hewwo:vscode mathieuneel$ ./copilot_test
                              Enter a non-negative integer: 4
                              Fibonacci sequence up to 4: 0 1 1 2
                      o hewwo:vscode mathieuneel$
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                                                     int main()
20
                                                                   int n;
                                                                   vector<int> fib;
₩
                                                                    cout << "Enter a non-negative integer: ";</pre>
                                                                    cin >> n;
if( n < 0 )
 公
                                                                                   cerr << "Input must be a non-negative integer.\n";</pre>
                                                                                   return 1;
                                                                    fib = fibonacci(n);
                                                                    cout << "Fibonacci sequence up to " << n << ": ";</pre>
                                                                    for(size_t i = 0; i < fib.size(); i++) {</pre>
                                                                                   cout << fib[i] << " ";
                                                                   cout << endl;
                                                                    return 0;
                             PROBLEMS
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