

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search Unit_Testing_and_Debugging

Main.cpp

Unit_Testing_and_Debugging

(Global Scope)

```
1 #include <iostream>
2 #include "mathUtils.h"
3 #include <vector>
4
5 class MathUtils {
6 public:
7     static int sumRange(int start, int end) {
8         int sum = 0;
9         for (int i = start; i < end; i++) { // Bug: Off-by-one error
10             sum += i;
11         }
12         return sum;
13     }
14
15     static bool containsNegative(const std::vector<int>& numbers) {
16         for (size_t i = 0; i < numbers.size(); i++) {
17             if (numbers.at(i) < 0) { // Corrected: Checking for negative values
18                 return true;
19             }
20         }
21         return false;
22     }
23
24     static int findMax(const std::vector<int>& numbers) {
25         if (numbers.empty()) {
26             throw std::invalid_argument("The vector is empty");
27         }
28     }
```

100% No issues found

Output

Show output from: Debug

The thread 26536 has exited with code 0 (0x0).
'Unit_Testing_and_Debugging.exe' (Win32): Loaded 'C:\Windows\System32\kernel.appcore.dll'. Symbol loading disabled by Include/Exclude setting.
'Unit_Testing_and_Debugging.exe' (Win32): Loaded 'C:\Windows\System32\msvcrt.dll'. Symbol loading disabled by Include/Exclude setting.
The thread 3508 has exited with code 0 (0x0).
The thread 22384 has exited with code 0 (0x0).
The program '[2180] Unit_Testing_and_Debugging.exe' has exited with code 0 (0x0).

Error List Output

Ready

61°F
Partly sunny

Search


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0/0