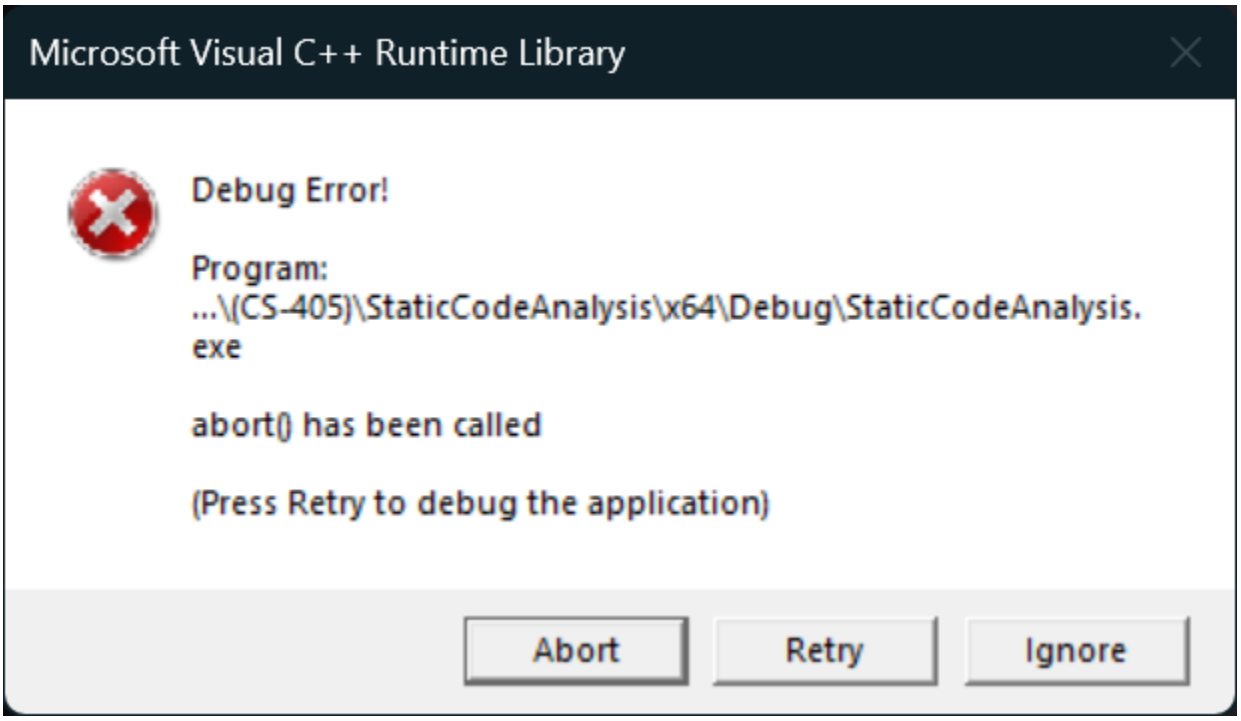
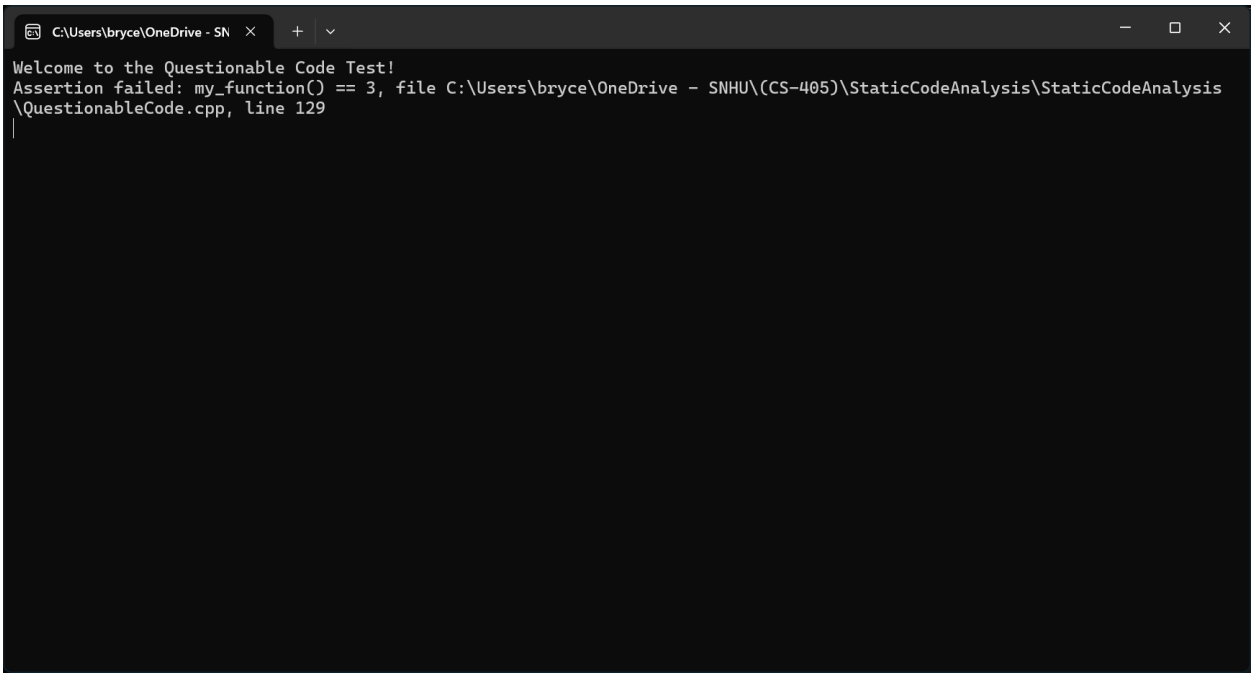
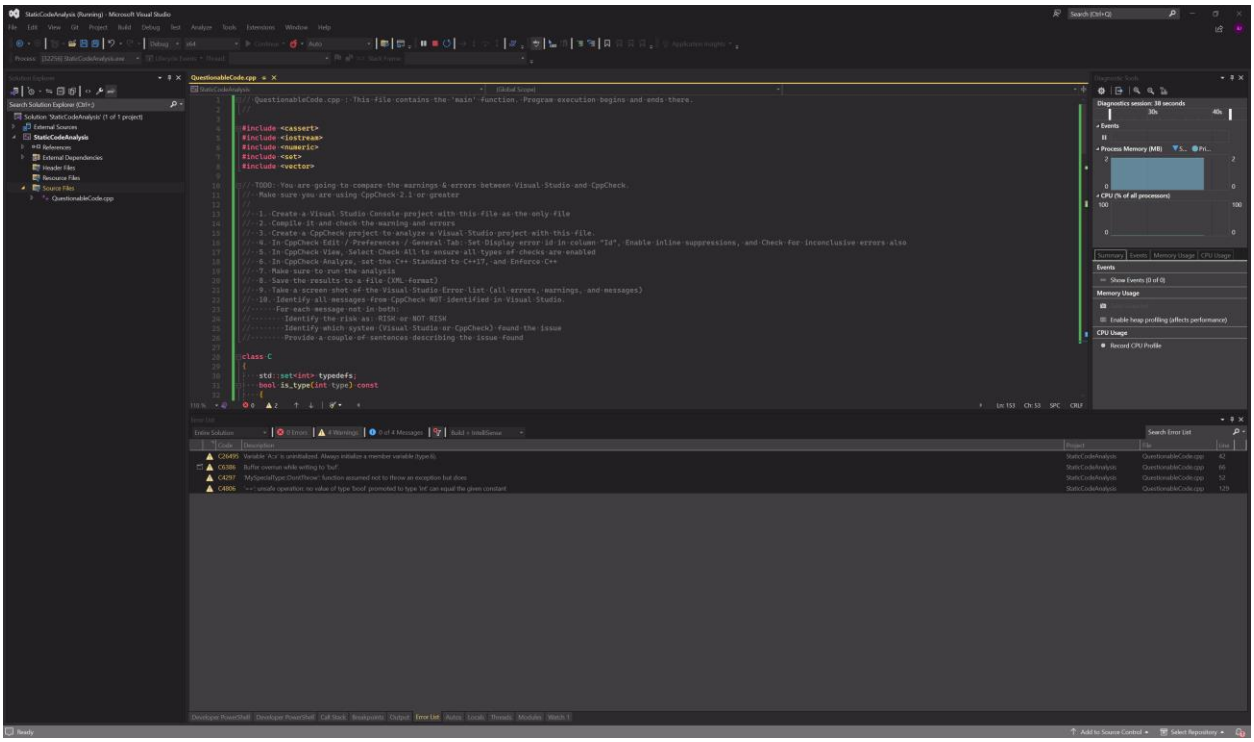
Bryce Jensen
CS-405-10914
5-3 Activity: Static Code Analysis
10-2-24





Bryce Jensen
CS-405-10914
5-3 Activity: Static Code Analysis
10-2-24



File	Severity	Line	Id	Inconclusive	Summary	Sinc
QuestionableCode.cpp						
QuestionableCode.cpp	information	4	missingIncludeS...		Include file: <cassert> not found. Please note: Cppcheck does not need standard library headers to get proper results.	
QuestionableCode.cpp	information	5	missingIncludeS...		Include file: <iostream> not found. Please note: Cppcheck does not need standard library headers to get proper results.	
QuestionableCode.cpp	information	6	missingIncludeS...		Include file: <numeric> not found. Please note: Cppcheck does not need standard library headers to get proper results.	
QuestionableCode.cpp	information	7	missingIncludeS...		Include file: <set> not found. Please note: Cppcheck does not need standard library headers to get proper results.	
QuestionableCode.cpp	information	8	missingIncludeS...		Include file: <vector> not found. Please note: Cppcheck does not need standard library headers to get proper results.	
QuestionableCode.cpp	warning	127	assignmentInAs...		Assert statement modifies 'z'.	
QuestionableCode.cpp	warning	129	assertWithSideE...		Assert statement calls a function which may have desired side effects: 'my_function'.	
QuestionableCode.cpp	warning	109	uselessAssignm...		Assignment of function parameter has no effect outside the function. Did you forget dereferencing it?	
QuestionableCode.cpp	error	59	autoVariables		Address of local auto-variable assigned to a function parameter.	
QuestionableCode.cpp	warning	129	compareBoolEx...		Comparison of a boolean expression with an integer other than 0 or 1.	
QuestionableCode.cpp	style	98	returnNonBooll...		Non-boolean value returned from function returning bool	
QuestionableCode.cpp	warning	66	arrayIndexOutO...		Either the condition 'count==1000' is redundant or the array 'buf[10]' is accessed at index 1000, which is out of bounds.	
QuestionableCode.cpp	warning	42	uninitMemberV...		Member variable 'A::x' is not initialized in the copy constructor.	
QuestionableCode.cpp	performance	50	functionStatic	☑	Technically the member function 'MySpecialType::DontThrow' can be static (but you may consider moving to unnamed names...	
QuestionableCode.cpp	performance	103	functionStatic	☑	Technically the member function 'Token::next' can be static (but you may consider moving to unnamed namespace).	
QuestionableCode.cpp	error	52	throwInNoexce...		Exception thrown in function declared not to throw exceptions.	
QuestionableCode.cpp	warning	109	nullPointerRedu...		Either the condition 'tok' is redundant or there is possible null pointer dereference: tok.	
QuestionableCode.cpp	style	64	variableScope		The scope of the variable 'buf' can be reduced.	
QuestionableCode.cpp	style	133	shadowVariable		Local variable 'x' shadows outer variable	
QuestionableCode.cpp	style	134	shadowVariable		Local variable 'y' shadows outer variable	
QuestionableCode.cpp	style	135	shadowVariable		Local variable 'z' shadows outer variable	

Bryce Jensen
CS-405-10914
5-3 Activity: Static Code Analysis
10-2-24

QuestionableCode.cpp	style	135	shadowVariable		Local variable 'z' shadows outer variable
QuestionableCode.cpp	error	87	invalidContainer		Using iterator to local container 'items' that may be invalid.
QuestionableCode.cpp	style	41	unusedStructM...		class member 'A::x' is never used.
QuestionableCode.cpp	style	66	unreadVariable		Variable 'buf[count]' is assigned a value that is never used.
QuestionableCode.cpp	style	109	unreadVariable		Variable 'tok' is assigned a value that is never used.
QuestionableCode.cpp	style	117	unreadVariable		Variable 'x' is assigned a value that is never used.
QuestionableCode.cpp	style	118	unreadVariable		Variable 'y' is assigned a value that is never used.