Due No due date Points 15 Questions 17 Time Limit 30 Minutes Allowed Attempts Unlimited

Take the Quiz Again

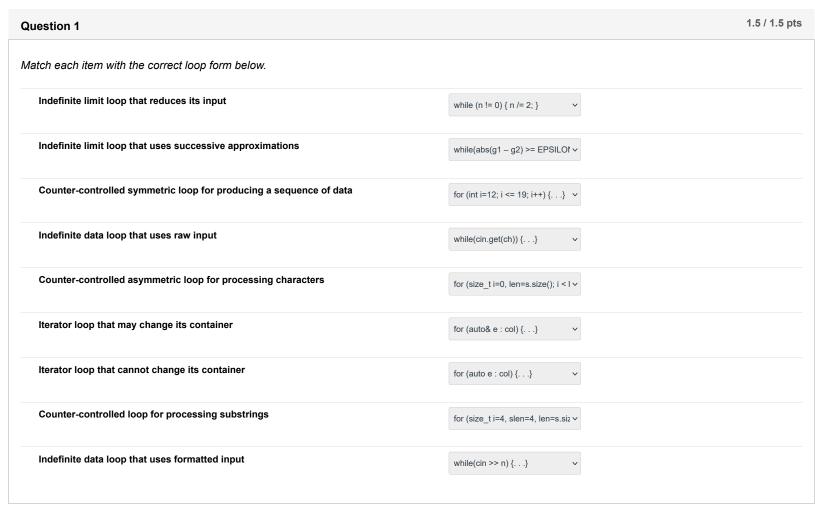
Attempt History

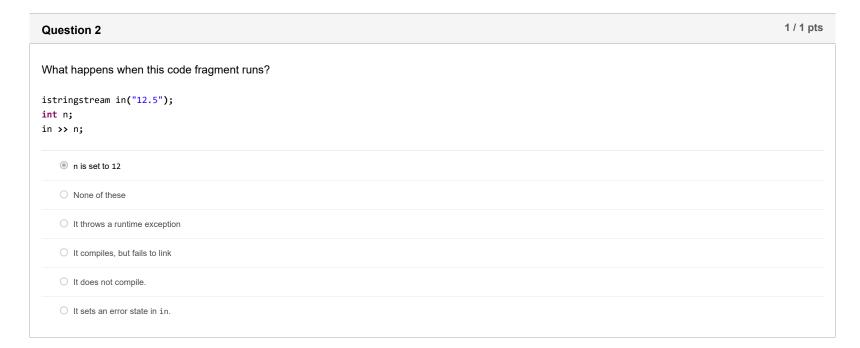
	Attempt	Time	Score
KEPT	Attempt 2	11 minutes	14 out of 15
LATEST	Attempt 2	11 minutes	14 out of 15
	Attempt 1	13 minutes	14 out of 15

① Correct answers are hidden.

Submitted Jul 21 at 4:35pm









Question 4 1.5 / 1.5 pts

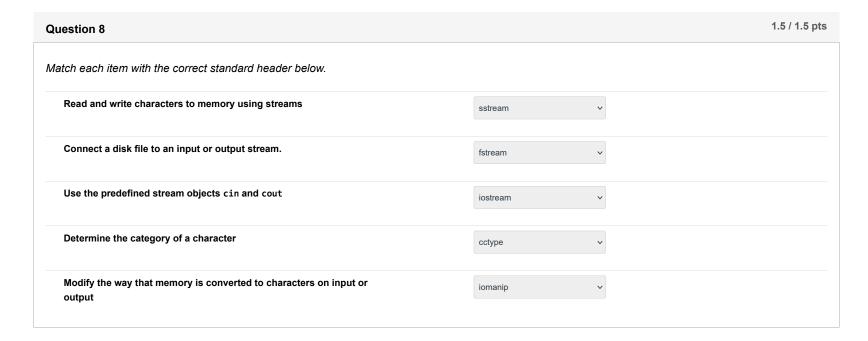


ing s{"Hello CS 150"};			
le (s.size())			
if (s.at(0) == 'C') break;			
s = s.substr(1);			
t << s << endl;			
☐ inline test			
☐ data loop			
☐ primed loop			
iterator or range loop			
☐ limit loop			
☑ loop-and-a-half			
sentinel loop			
✓ counter-controlled loop			

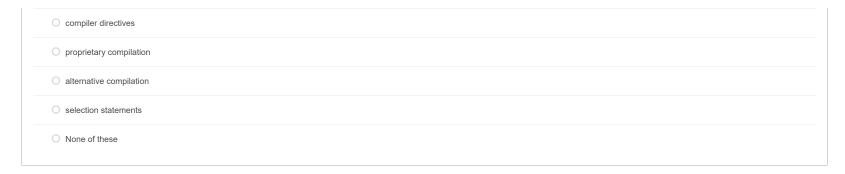
Question 5	0.5 / 0.5 pts
In the <i>loop-and-a-half</i> , you use Boolean variable to signal when the sentinel is found.	
○ True	
False	

Question 6	0.5 / 0.5 pts
In the <i>flag-controlled-pattern</i> , you use a break statement to exit the loop when the sentinel is found.	
○ True	
False	

Question 7	0.5 / 0.5 pts
In the <i>loop-and-a-half pattern</i> , you read data before the loop and at the end of the loop.	
○ True	
False	



Question 9	1 / 1 pts
What term describes this block of code?	
<pre>#ifAPPLE istringstream in(" .75"); int n = 3; in >> n; #endif</pre>	
conditional compilation	



Question 10	1 / 1 pts
What happens when this code fragment runs in C++ 11?	
<pre>cout << stoi("one") << endl;</pre>	
O stoi() returns 0	
O It does not compile.	
It throws a runtime exception	
O It sets an error state in cout.	
O None of these	
O It compiles, but fails to link	

O It sets an error state in cout.	
O None of these	
O It compiles, but fails to link	
Question 11	
What happens when this code fragment compiles and runs?	
#define N	
#ifndef N	
<pre>cout << "Hello";</pre>	
#else	
<pre>cout << "Goodbye";</pre>	
#endif	
O prints nothing	
O prints "HelloGoodbye"	
O It does not compile.	
<pre> prints "Hello" </pre>	
O prints "Goodbye"	
Question 12	(
Building your code with more than one copy of a function leads to a clash of symbols.	
True	
○ False	
Question 13	(
Question 13	

Question 13	0.5 / 0.5 pts
The standard library version of stoi("UB-40") throws a runtime exception because there is no viable conversion.	
True	
○ False	

Question 14	0.5 / 0.5 pts
To use different versions of a function depending on the platform is called <i>conditional compilation</i> .	
True	
○ False	

Question 15	1 / 1 pts
What happens when you execute the (erroneous) line:	



bool ok = 2 + 2 == 5;	
Nothing happens. The variable ok is set to false.	
The program prints an error message and terminates	
The program prints an error message and the program continues	
○ The code does not compile, since 2 + 2 is not equal to 5	
O An exception is thrown because 2 + 2 does not equal 5	

Question 16	1 / 1 pts
Which of these are appropriate uses of the C++ assert facility?	
□ Validate input received by your program	
☐ Error conditions (such as file not found)	
☑ Validate assumptions about your code	
☑ Validate function arguments under the programmer's control	
☑ Validate the postcondition of a calculation	
Debugging checks	

Question 17	0.5 / 0.5 pts
The line: cin >> n; throws a runtime exception if n is an int and it tries to read the input "one".	
O True	
False	

