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

Take the Quiz Again

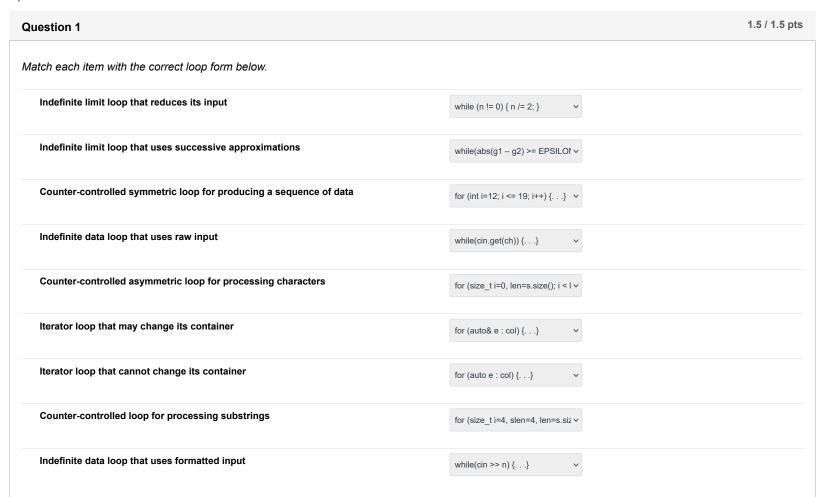
Attempt History

	Attempt	Time	Score
KEPT	Attempt 4	17 minutes	15 out of 15
LATEST	Attempt 4	17 minutes	15 out of 15
	Attempt 3	10 minutes	14 out of 15
	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 10:45pm





Question 2	1 / 1 pts
After writing data to an ostringstream object named os, you can retrieve the string it contains by using:	
O None of these	
<pre> os.str()</pre>	
O os.to_string()	
O to_string(os)	
<pre>O static_cast<string>(os);</string></pre>	

Question 3	1 / 1 pts
Which fragment completes this code segment?	
<pre>string fmt(double n, int decimals) { ostringstream out; out << fixed << setprecision(decimals); out << n; return; }</pre>	
<pre>O out.to_string()</pre>	
O None of these	
<pre> out.str()</pre>	
○ n	

Question 4		1.5 / 1.5 pts
Which of the following loop patterns are used here?		
size_t pos = 0;		
<pre>char ch; in.get(ch);</pre>		
while (ch != 'Q') {		
pos++;		
<pre>in.get(ch); }</pre>		
inline test		
sentinel loop		
□ loop-and-a-half		
limit loop		
□ data loop		
iterator or range loop		
✓ primed loop		
counter-controlled loop		
Question 5		0.5 / 0.5 pts
In the <i>primed loop pattern</i> , you use a break statement to exit the loop when	the sentinel is found.	
○ True		
False		
Question 6		0.5 / 0.5 pts
Question 0		
A loop that reads data until some special value is found is called a sentinel loo	p.	
True		
○ False		
Question 7		0.5 / 0.5 pts
A loop that reads data until the input stream signals that it is done is called a c	ata loop.	
True		
○ False		
Question 8		1.5 / 1.5 pts
Match each item with the correct standard header below.		
Read and write characters to memory using streams	sstream	
Connect a disk file to an input or output stream.	fstream	
.	fstream	
Use the predefined stream objects cin and cout	iostream	
Determine the category of a character	cctype	
Modify the way that memory is converted to characters on input or	iomanip	
output	Tomanip	
Question 9		1 / 1 pts
-		•
What happens when this code fragment compiles and runs?		
#define N		

```
#ifndef N
 cout << "Hello";</pre>
```

1 / 1 pts

1 / 1 pts

0.5 / 0.5 pts

0.5 / 0.5 pts

0.5 / 0.5 pts

The #if preprocessor directive may compare double literals but not variables.

True

False

Question 15

1/1 pts

What happens when you execute the following (erroneous) code:

cout << stoi(42.5) << end1;



No conversion takes place and the output stream is placed in a failed state.
An exception is thrown, which may be caught
The code does not compile because the argument is the wrong type.
The double 42.5 is truncated to 42 and printed
The program prints an error message and terminates since you cannot convert a double to an int

Question 16	1 / 1 pts
Suppose you have the following code, and √ is negative. What happens?	
<pre>cout << sqrt(x) * sqrt(x) << endl;</pre>	
☐ The program will terminate with an assertion, since you can't take the square root of a negative number.	
☐ The program will throw an exception	
☐ The program will not compile	
☐ The original value of x is printed	
The completion code value, nan, may be printed signaling an error.	
The global error variable, error, may be set to indicate the error	

Question 17	0.5 / 0.5 pts
The standard library version of sqrt(-2) throws a runtime exception because there is no possible answer.	
○ True	
False	

