Due No due date Points 16 Questions 15 Time Limit 30 Minutes Allowed Attempts Unlimited

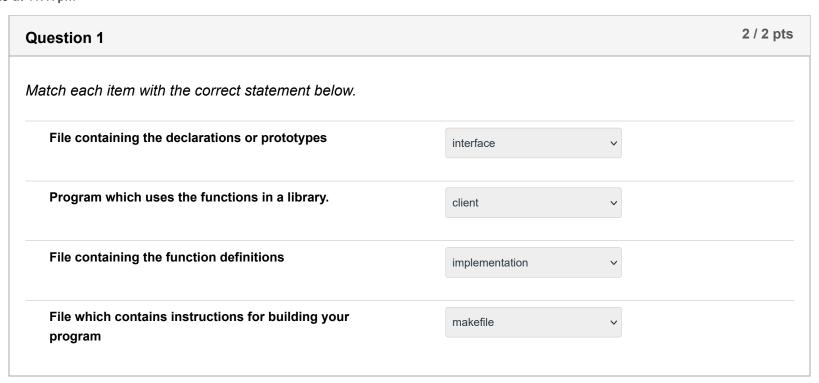
## Take the Quiz Again

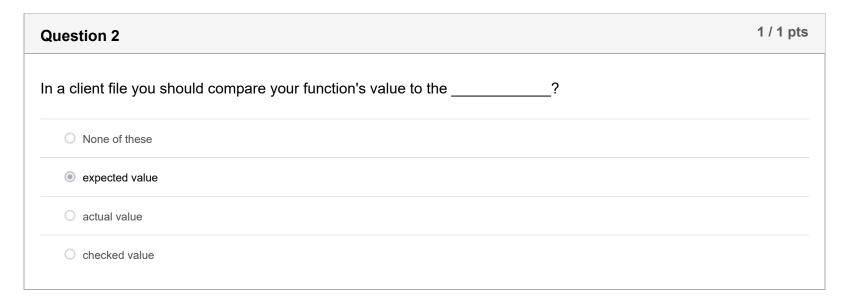
## **Attempt History**

	Attempt	Time	Score
KEPT	Attempt 3	18 minutes	15.5 out of 16
LATEST	Attempt 5	15 minutes	13 out of 16
	Attempt 4	29 minutes	13.5 out of 16
	Attempt 3	18 minutes	15.5 out of 16
	Attempt 2	18 minutes	12 out of 16
	Attempt 1	27 minutes	12 out of 16

① Correct answers are hidden.

Submitted Jun 28 at 11:17pm





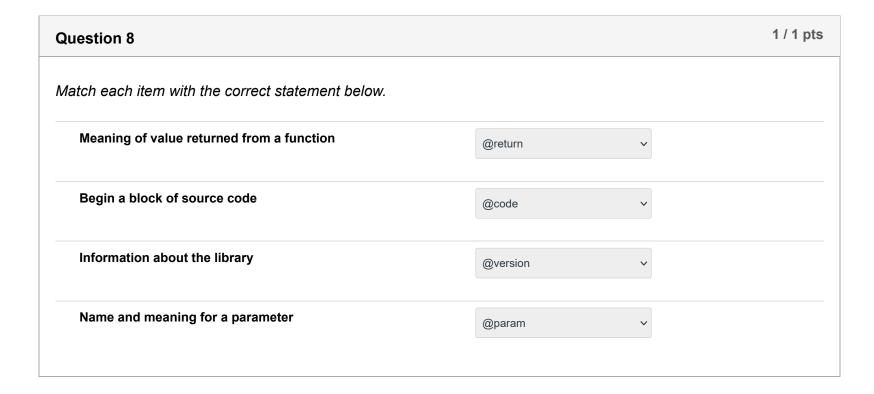
Question 3	1 / 1 pts

Question 4	1 / 1 pts
What kind of error is this?	
ex1.cpp:7: undefined reference to `f()'	
Linker error (something is missing when linking)	
O None of these	
Operating system signal or trap	
Runtime error (throws exception when running)	
Type error (wrong initialization or assignment)	
O Compiler error (something is missing when compiling)	
O Syntax error (mistake in grammar)	

Question 5	1 / 1 pts
What kind of error is this?	
<pre>ex1.cpp:7:9: warning: missing terminating '"' character     a = "hello world';     ^</pre>	
ex1.cpp:7:9: error: expected expression	
Runtime error (throws exception when running)	
Operating system signal or trap	
O None of these	
Compiler error (something is missing when compiling)	
Syntax error (mistake in grammar)	
Type error (wrong initialization or assignment)	
Linker error (something is missing when linking)	



Question 7	1 / 1 pts
Which of these are <i>dependencies</i> ?	
<pre>EXE=digit-tester OBJS=client.o digits.o \$(EXE): \$(OBJS) \$(CXX) \$(CXXFLAGS) \$(OBJS) -o \$(EXE)</pre>	
✓ client.o	
✓ digits.o	
☐ None of these	
□ \$(EXE)	
☐ digit-tester	



```
Question 9

If the state of the following?

Int i = 1;
Int sum = 0;
while (i <= 13)
{
    sum = sum + i;
    i = i + 3;
}
cout << "The value of sum is " << sum;

O The value of sum is 13</pre>
```



0 / 1 pts

Incorrect

Question 10

Here is an implementation of codeForDigit() from H07. What is its problems?

```
string codeForDigit(int digit) {
    string result;
    switch (digit) {
        case 0: result = "||:::";
        case 1: result = ":::|";
        case 2: result = "::!:";
        case 3: result = "::!:";
        case 4: result = ":!::";
        case 5: result = ":!::";
        case 6: result = ":!::";
        case 7: result = "|:::";
        case 8: result = "|:::";
        case 9: result = "|:::";
    }
    return result;
}
```

- It compiles and produces the correct output
- ☐ It does not compile since you can have only one return statement in a function
- ☐ If it does compile, it produces incorrect output because of the missing break statements
- $\hfill \square$  It does not compile because you can't use digit as a switch selector
- $\hfill \square$  It may not compile because it is missing a break on each line

Question 11 1 / 1 pts

Here is an implementation of codeForDigit() from H07. What is its problem?

```
string codeForDigit(int digit) {
    string result;
    switch (digit) {
        case 0: result = "||:::"; break;
        case 1: result = ":::||"; break;
        case 2: result = "::|:"; break;
        case 3: result = "::|:"; break;
        case 4: result = ":|::"; break;
        case 5: result = ":|::"; break;
        case 6: result = ":|::"; break;
        case 7: result = "|:::|"; break;
        case 8: result = "|:::|"; break;
        case 9: result = "|::|:"; break;
}
return result;
}
```

- It does not compile because you can't use digit as a switch selector
- It compiles and produces the correct output





0 / 1 pts

0 / 1 pts

Incorrect

Question 12

Here is an implementation of checkDigit() from H07. What are its problems?

```
int checkDigit(int zip) {
    int sum = 0;
    while (zip != 0) {
        sum += zip % 10;
        zip /= 10;
    }
    if (sum % 10 == 0)
        return 10 - sum % 10;
    return 0;
}
```

- It skips one digit since you should divide by 10 before adding to sum instead of after
- ☐ It compiles and produces the correct output in all cases
- ☐ It produces the wrong output when sum is not evenly divisible by 10
- ☐ It does not compile because you are missing the else
- ☑ It produces the wrong output if sum is evenly divisible by 10

Incorrect

Question 13

In H08, the ones(), tens() and hundreds() functions are already written. You need to complete the digit() function. Once you have completed it, what is the expected output for the code below?

```
inline string ones(int n) { return digit(n, "IVX"); }
string digit(int digit, const string& symbols) { . . . }
cout << ones(9) << endl;</pre>
```

- OIX
- O XI
- O IVV
- VIV

OVIII

Question 14 1 / 1 pts

In H08, the ones(), tens() and hundreds() functions are already written. You need to complete the digit() function. Once you have completed it, what is the expected output for the code below?

```
inline string ones(int n) { return digit(n, "IVX"); }
string digit(int digit, const string& symbols) { . . . }
cout << ones(5) << endl;</pre>
```



○ x		
O 11111		
O 1		
∨		
O vx		

Question 15	1 / 1 pts
In H08, the ones(), tens() and hundreds() functions are already written. You need to complete the digitunction. Once you have completed it, what is the expected output for the code below?	t()
<pre>inline string tens(int n) { return digit(n, "XLC"); } string digit(int digit, const string&amp; symbols) { } cout &lt;&lt; tens(7) &lt;&lt; endl;</pre>	
O xxx	
O XXL	
O CLL	
O LLC	

