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

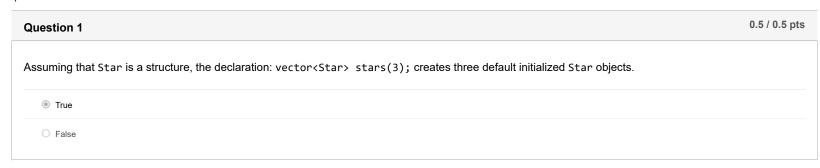
Take the Quiz Again

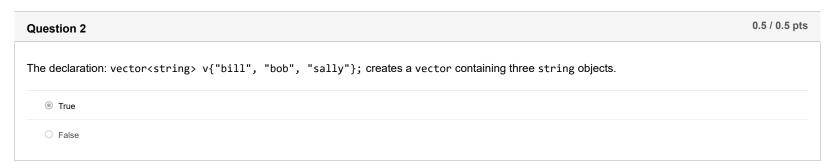
## Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	22 minutes	10.33 out of 15

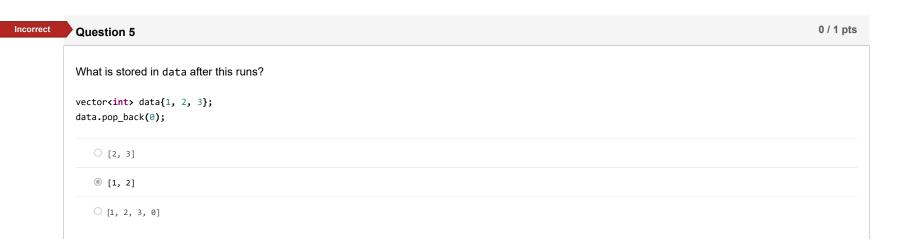
① Correct answers are hidden.

Submitted Jul 20 at 7:52pm





Question 3	1 / 1 pts
Assume vector <double> speed(5); Which line throws a <i>runtime error</i>?</double>	
<pre>Speed.erase(speed.begin());</pre>	
<pre>Speed[0] = speed.back()</pre>	
O cout << speed[5];	
<pre>O speed.front() = 12;</pre>	
None of these	





```
O None of these
0 [1, 2, 3]
0 []
```

```
Incorrect Question 6
                                                                                                                                       0 / 1 pts
```

```
What prints?
void f(const vector<int>& v)
   v.at(0) = 42;
int main()
{
    vector<int> x{1, 2, 3};
   f(x);
    cout << x.at(0) << endl;</pre>
   0 1
   O Nothing; compile-time error.
   42
   O Nothing; linker error
   O Nothing; run-time error.
```

0 / 1 pts Incorrect Question 7 What prints? vector<int> v{1, 2, 3, 4, 5}; v.pop\_back(); cout << v.front() << endl;</pre> Nothing; compile-time error. O 5 Nothing; run-time error. 0 1 4

```
1 / 1 pts
Question 8
What is stored in data after this runs?
vector<int> data{1, 2, 3};
data.back();
   0 [1, 2, 3, 0]

    None of these

   0 [1, 2]
   0 []
   0 [2, 3]
   [1, 2, 3]
```

## 0 / 1 pts Incorrect Question 9

```
Which of these are true?
int main()
{
    vector<int> v{1, 2, 3};
    for (size_t i = v.size() - 1; i >= 0; i--)
       cout << v.at(i) << " ";
    cout << endl;
}
   Crashes when run
   ☐ Compiler error (does not compile)

    Issues a compiler warning, but no error
```



Partial Question 10 0.33 / 1 pts

Examine the following code. Which element is erased?

vector<int> v(1, 2, 3);
v.erase(end(v));

Compiles but no element is erased

2

Does not compile

3

1

Assuming the following variable definition, which statement creates an object which refers to a position immediately following the last element in v and which prohibits you from changing v?

vector<double> v{1.2, 2.3, 3.4};

auto d = cend(v);

None of these

auto c = cbegin(v);

auto a = begin(v);

Question 14

Examine the following code. Which element is erased?

vector<int> v{1, 2, 3};
v.erase(begin(v) + 1);

**•** 

O Does not compile
Ocompiles but no element is erased
②     ②     ②     ③     ②     ②     ③     ②     ③     ②     ③     ③     ②     ③     ②     ③     ③     ②     ③     ③     ②     ③     ③     ②     ③     ②     ③     ③     ②     ③     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ②     ③     ③     ②     ③     ②     ③     ③     ③     ②     ③     ④     ③     ④     ③     ④     ④     ④     ④     ④     ③     ④     ⑤     ④     ⑤     ④     ⑥     ⑤     ④     ⑥     ⑤     ④     ⑥
O 3
O 1

Question 15	1 / 1 pts
What is x?	
<pre>vector<int> v{1, 2, 3}; auto x = max_element(v.begin(), v.end());</int></pre>	
an iterator	
O 1	
O 3	
○ a std::pair object	
O None of these	

Question 16	0.5 pts
The statement v.insert(v.end(), 3) appends the element 3 to the end of the vector v.	
True	
○ False	

0	0.5 / 0.5 pts
Question 17	υ.5 / υ.5 μις
Assume the vector v contains [1, 2, 3]. v.erase(0); is a syntax error.	
True	

