

Quiz 10

Due May 26 at 11:59pm **Points** 7 **Questions** 7
Available until May 26 at 11:59pm **Time Limit** None

Instructions

Answer the following questions.

This quiz is no longer available as the course has been concluded.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	6 minutes	7 out of 7

Score for this quiz: **7** out of 7

Submitted May 26 at 5:42pm

This attempt took 6 minutes.

Question 1

1 / 1 pts

Consider the following integers in queue **q** (in order): 4, 2,8,5,1.

That is, 4 is the head of the queue, and 1 is the tail.

How does **q.push(4)** change the queue?

☐ 4,2,8,5,1

Correct!☐ 4,4,2,8,5,1☒ 4,2,8,5,1,4**Question 2****1 / 1 pts**

Consider the following integers in queue **q** (in order): 4, 2,8,5,1.

That is, 4 is the head of the queue, and 1 is the tail.

How does **q.pop()** change the queue?

Correct!☒ 2,8,5,1☐ 4,2,8,5,1☐ 4,2,8,5**Question 3****1 / 1 pts**

In a deque, it is possible to push to both ends of the collection.

Correct!☒ True☐ False

Question 4**1 / 1 pts**

In a deque, it is only possible to pop from the head of the collection.

☐ True☒ False**Correct!****Question 5****1 / 1 pts**

Consider a list of integers **L**, and **it** be the iterator for it. How can you search for number 5 in the list, using **find()** function?

☐ `find(it.begin(), it.end(), 5);`☒ `find(L.begin(), L.end(), 5);`☐ `find(L, 5);`☐ `find(it,5);`**Correct!****Question 6****1 / 1 pts**

Let function `isEven()` as follows:

```
bool isEven(int x) {  
    return x % 2 == 0;  
}
```

How can you find the first even number in list `L` from the previous question?

Correct!

- ☐ `find(it.begin(), it.end(), isEven);`
- ☒ `find_if(L.begin(), L.end(), isEven);`
- ☐ `find(it.begin(), it.end(), isEven);`
- ☐ `find(L.begin(), L.end(), isEven);`

Question 7

1 / 1 pts

Given `L` and `it` from the previous question, how can you sort the numbers in `L`?

Correct!

- ☒ `sort(L.begin(), L.end());`
- ☐ `sort(L);`
- ☐ `sort(it.begin(), it.end());`

Quiz Score: **7** out of 7