

# Quiz 20

**Due** Jun 9 at 11:59pm      **Points** 8      **Questions** 8  
**Available** until Jun 9 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	<a href="#">Attempt 1</a>	4 minutes	8 out of 8

Score for this quiz: 8 out of 8

Submitted Jun 9 at 8:17pm

This attempt took 4 minutes.

### Question 1

1 / 1 pts

If you use a lists to implement stacks, which list function can be used to implement push()?

☐ append()

☒ prepend()

Correct!

☐ insertAfter()

## Question 2

1 / 1 pts

If you use a lists to implement stacks, which list function can be used to implement pop()?

Correct!

☒ removeAfter()

☐ insertAfter()

☐ prepend()

☐ isEmpty()

## Question 3

1 / 1 pts

If you use a singly-linked lists to implement stacks, which element shows the top of the stack?

Correct!

☒ head

☐ tail☐ both head and tail**Question 4****1 / 1 pts**

If you use singly-linked lists to implement queues, how can you implement queue push function?

☐ prepend()☒ append()☐ insertAfter()**Correct!****Question 5****1 / 1 pts**

If you use singly-linked lists to implement queues, how can you implement queue pop function?

☐ prepend()☐ isEmpty()☒ removeAfter()**Correct!**

**Question 6****1 / 1 pts**

If you use singly-linked lists to implement queues, which one can you use to implement queue peek()?

- ☐ pop()
- ☐ list -> tail
- ☒ list -> head

**Correct!****Question 7****1 / 1 pts**

If you use singly-linked lists to implement deques, how can you implement deque pushFront function?

- ☐ insertAfter()
- ☐ append()
- ☒ prepend()

**Correct!****Question 8****1 / 1 pts**

If you use singly-linked lists to implement deques, how can you implement deque pushBack function?

**Correct!**

☐ insertAfter()

☒ append()

☐ prepend()

Quiz Score: **8** out of 8