

# Quiz 19

Due Jun 8 at 11:59pm

Points 5

Questions 5

Available until Jun 8 at 11:59pm

Time Limit None

## Instructions

Answer the following questions.

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	84 minutes	3 out of 5

Score for this quiz: **3** out of 5

Submitted Jun 8 at 6:22pm

This attempt took 84 minutes.

Correct!

Question 1

1 / 1 pts

What is the benefit of using dummy nodes in lists?

☒ Makes the implementation of different functions easier

☐ Gives better runtime complexity for different functions

☐ Provides less storage of data structure

**Question 2****1 / 1 pts**

A single dummy nodes suffices for doubly-linked lists.

☐ True☒ False**Correct!****Question 3****0 / 1 pts**

In a singly-linked list with a dummy node, which pointer is null?

☒ Head☐ Both head and tail☐ Dummy node's next☐ Tail**You Answered****Correct Answer****Question 4****0 / 1 pts**

In a doubly-linked list with dummy nodes, which pointer is null?

☐ Dummy node's both next and prev**Correct Answer**

You Answered

☒ Head and tail☐ Dummy node's next☐ Dummy node's prev**Question 5****1 / 1 pts**

What special cases are needed to be checked, in appending a node to a singly-linked list with a dummy node?

☐ Whether head and tail point to the dummy node☐ Whether tail is null☐ Whether head is null☒ No special cases**Correct!****Quiz Score: 3 out of 5**