Quiz

It's quiz time! Test yourself by solving these questions about singly linked lists.

1 Which of the following is the correct implementation of the `Node` class?

2 Given that you have access to the head node of a singly linked list

Given that you have access to the head node of a singly linked list containing n elements, what is the time complexity to access an element

in a singly linked list?

3

Elements of a linked list may or may not be stored consecutively in memory?

4

What will be the output of the following code?

```
class LinkedList:
  def __init__(self):
    self.head = None

  def append(self, data):
    new_node = Node(data)
    last_node = self.head
    while last_node.next:
```

```
        last_node = last_node.next
    last_node.next = new_node


llist = LinkedList()
llist.append("A")
llist.append("B")
llist.print_list()
```

5

For a singly linked list containing n elements, what is the time complexity to delete the head node given that you have access to the head node?

Check Answers