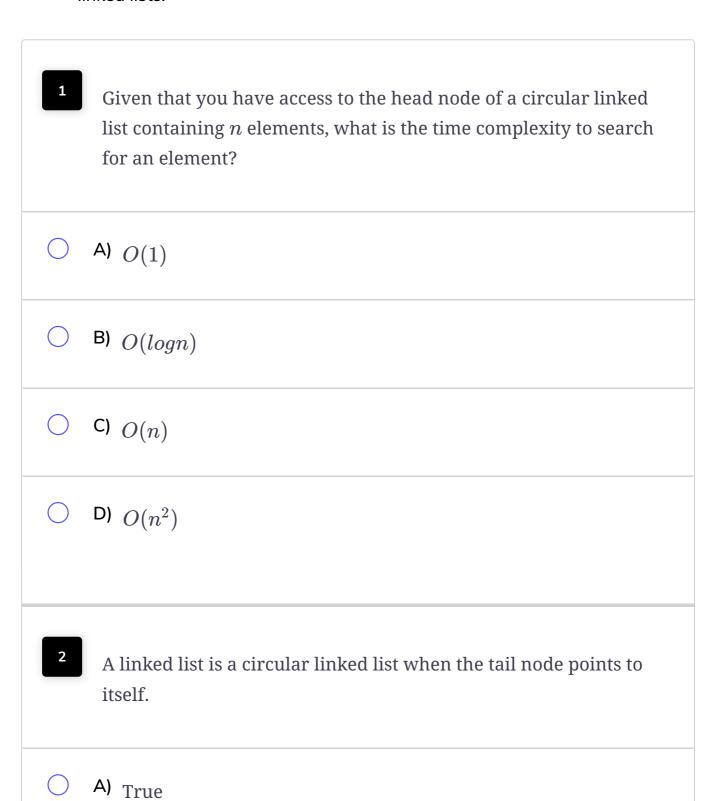
Quiz

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



| B) False |
|--|
| Given that you have access to the head node, the time complexity of removing the head node in a circular linked list containing n elements is $O(1)$. |
| O A) True |
| O B) False |
| <pre>What is the output of the following code? cllist = CircularLinkedList() cllist.append("A") cllist.prepend("B") cllist.prepend("C") cllist.append("D") cllist.remove("A") cllist.remove("C") print(cllist.head.data)</pre> |
| O A) A |
| O В) В |
| O C) C |



What is the time complexity of the following method if we run it on a circular linked list containing n elements?

```
def print_list(self):
    cur = self.head

while cur:
    print(cur.data)
    cur = cur.next
    if cur == self.head:
        break
```

- \bigcirc A) O(1)
- \bigcirc B) O(n/2)
- \bigcirc C) O(2n)
- \bigcirc D) O(n)

CHECK ANSWERS