

Easy  Codewriting  2000

Note: Try to solve this task in $O(n)$ time using $O(1)$ additional space, where n is the number of elements in L , since this is what you'll be asked to do during an interview.

Given a singly linked list of integers, determine whether or not it's a [palindrome](#).

Example

- For $l = [0, 1, 0]$, the output should be
`isListPalindrome(l) = true;`
- For $l = [1, 2, 2, 3]$, the output should be
`isListPalindrome(l) = false.`

Input/Output

- [execution time limit] 20 seconds (swift)
- [input] `linkedList.integer l`

A singly linked list of integers.

Guaranteed constraints:

$0 \leq \text{list size} \leq 5 \cdot 10^5$,
 $-10^9 \leq \text{element value} \leq 10^9$.

- [output] `boolean`

Return `true` if l is a palindrome, otherwise return `false`.

[Swift3] Syntax Tips

```
// Prints help message to the console
// Returns a string
func helloWorld(name: String) -> String {
    print("This prints to the console when you Run Tests");
    return "Hello, " + name;
}
```