

Palindrome Linked List

Try to solve the Palindrome Linked List problem.



Statement

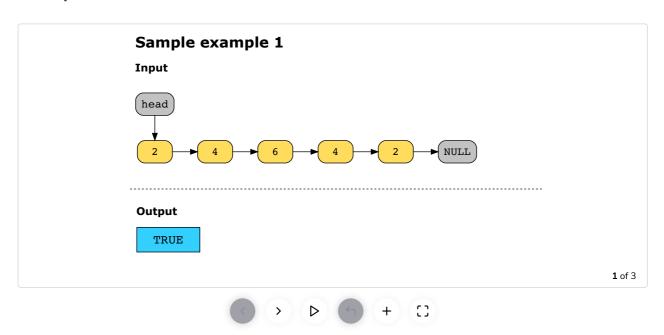
Given the head of a linked list, your task is to check whether the linked list is a palindrome or not. Return TRUE if the linked list is a palindrome; otherwise, return FALSE.

Constraints:

Let n be the number of nodes in a linked list.

- $1 \le n \le 500$
- $0 \le \text{Node.value} \le 9$.

Examples



Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

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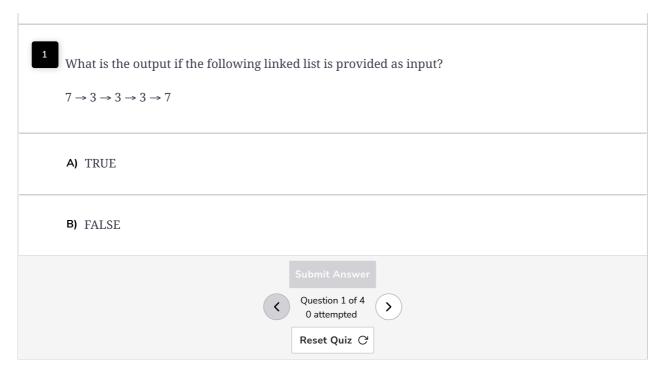
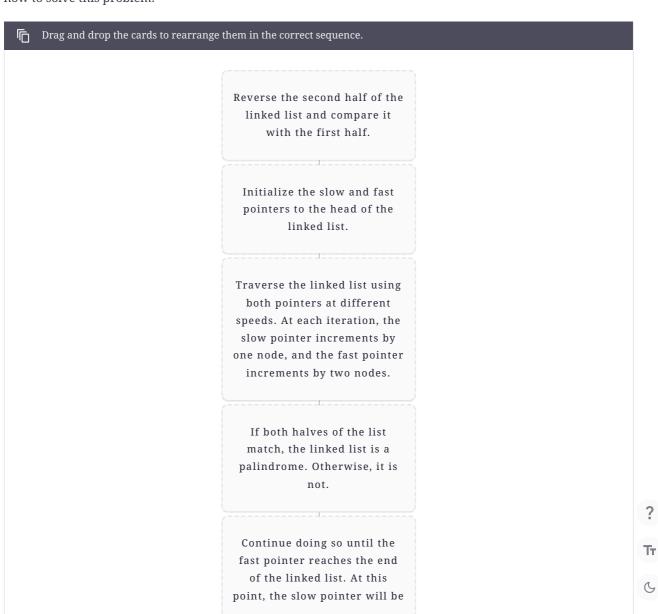
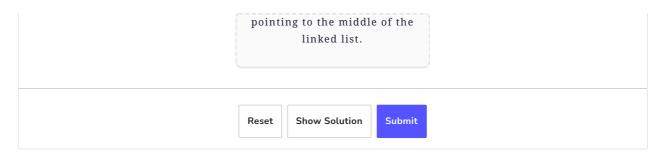


Figure it out!

We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.

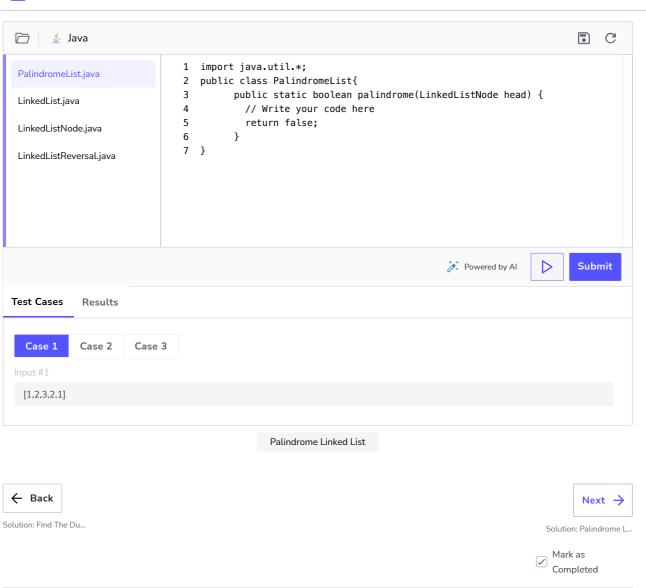




Try it yourself

Implement your solution in PalindromeList.java in the following coding playground. You'll need the

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