

# Palindrome

Problem

Submissions

Leaderboard

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## Problem Statement

You need to take a doubly linked list of integer value as input. You need to tell if the doubly linked list forms a palindrome or not.

**Note:** You need to solve this using **Doubly Linked List**, otherwise you will not get marks.

## Input Format

- Input will contain the values of the doubly linked list, and will terminate with -1.

## Constraints

- $1 \leq N \leq 10^6$ ; Here N is the maximum number of nodes of the linked list.
- $0 \leq V \leq 1000$ ; Here V is the value of each node.

## Output Format

- Output "YES" if it forms a palindrom otherwise output "NO".

## Sample Input 0

```
1 2 3 2 1 -1
```

## Sample Output 0

```
YES
```

## Sample Input 1

```
1 2 2 1 -1
```

## Sample Output 1

```
YES
```

## Sample Input 2

```
1 -1
```

## Sample Output 2

```
YES
```

## Sample Input 3

```
1 2 3 1 -1
```

Sample Output 3

NO



Submissions: [465](#)  
Max Score: 20  
Difficulty: Easy

Rate This Challenge:  
☆☆☆☆☆

[More](#)

C++20

```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5
6
7 int main()
8 {
9     // Write your code here
10
11     return 0;
12 }
13
```

Line: 1 Col: 1

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Run Code

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