9. Palindrome Number

Sol

Easy | Topics | Companies | Hint

Given an integer `x`, return `true` *if* `x` *is a palindrome, and* `false` *otherwise.*

Example 1:

> **Input:** x = 121
> **Output:** true
> **Explanation:** 121 reads as 121 from left to right and from right to left.

Example 2:

> **Input:** x = -121
> **Output:** false
> **Explanation:** From left to right, it reads -121. From right to left, it becomes 121-. Therefore it is not a palindrome.

Example 3:

> **Input:** x = 10
> **Output:** false
> **Explanation:** Reads 01 from right to left. Therefore it is not a palindrome.

Constraints:

- $-2^{31} <= x <= 2^{31} - 1$

Follow up: Could you solve it without converting the integer to a string?

Seen this question in a real interview before? 1/5

Yes No

Accepted **6.2M** | Submissions **10.6M** | Acceptance Rate **59.0%**

Topics

Math

Hint 1

Beware of overflow when you reverse the integer.