

## 9. Palindrome Number

**Difficulty: Easy**

**Topics:**

- Strings
- Mathematics

**Companies:**

Frequently asked in tech interviews

**Hint:**

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

**Examples:**

1. Input: x = 121

Output: true

Explanation: 121 reads as 121 from left to right and from right to left.

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.

3. Input: x = 10

Output: false

Explanation: Reads 01 from right to left. Therefore it is not a palindrome.

**Constraints:**

$-2^{31} \leq x \leq 2^{31} - 1$