

9. Palindrome Number

Description

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:

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

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

