Determine whether an integer is a palindrome. An integer is a palindrome when it reads the same backward as forward.

**Example 1:**

**Input:** 121

**Output:** true

**Example 2:**

**Input:** -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:** 10

**Output:** false

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