125. Valid Palindrome

A phrase is a **palindrome** if, after converting all uppercase letters into lowercase letters and removing all non-alphanumeric characters, it reads the same forward and backward. Alphanumeric characters include letters and numbers.

Given a string s, return true *if it is a **palindrome**, or* false *otherwise*.

Example 1:

Input: s = "A man, a plan, a canal: Panama"

Output: true

Explanation: "amanaplanacanalpanama" is a palindrome.

Example 2:

Input: s = "race a car"

Output: false

Explanation: "raceacar" is not a palindrome.

Example 3:

Input: s = " "

Output: true

Explanation: s is an empty string "" after removing non-alphanumeric characters.

Since an empty string reads the same forward and backward, it is a palindrome.

Constraints:

- $1 <= s.length <= 2 * 10^5$
- s consists only of printable ASCII characters.

Code:

```
class Solution:
    def isPalindrome(self, s: str) -> bool:
        out=''
        for i in s:
            if i.isalnum():
                if i.isalpha():
                    out=out+i.lower()
                else:
                    out=out+i
        if out==out[::-1]:
            return True
        else:
            return False
```