

## 125. Valid Palindrome

Total Accepted: **81419**   Total Submissions: **355838**   Difficulty: **Easy**

Given a string, determine if it is a palindrome, considering only alphanumeric characters and ignoring cases.

For example,

"A man, a plan, a canal: Panama" is a palindrome.

"race a car" is *not* a palindrome.

这是一条简单的题目，只需要注意字符有可能是数字。

代码：

```
class Solution(object):
    def isPalindrome(self, s):

        n = len(s)
        if n==0:
            return True

        l = 0
        r = len(s)-1

        while l <= r:
            # skip the case when there is an empty character or punctuation
            while l<r and not (s[l].isalpha() or s[l].isdigit()):
                l += 1
            while l<r and not (s[r].isalpha() or s[r].isdigit()):
                r -= 1

            if s[l].lower() != s[r].lower():
                return False

            l += 1
            r -= 1

        return True
```