

125. Valid Palindrome

Description

Hints

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Solution

Pick One

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

Note: For the purpose of this problem, we define empty string as valid palindrome.

Example 1:

Input: "A man, a plan, a canal: Panama"
Output: true

Example 2:

Input: "race a car"
Output: false

```
public class L125 {
    /*
     * 判断是不是回文字符串
     */
    public boolean isPalindrome(String s) {

        int i = 0;
        int j = s.length() - 1;

        s = s.toLowerCase();
        System.out.println(s);
        while (i <= j) {
            char left = s.charAt(i);
            char right = s.charAt(j);
            //忽略非数字和非字母
            if(!((left <= 'z' && left >= 'a') || (left <= '9' && left >= '0'))){
                i++;
                continue;
            }
            if(!((right <= 'z' && right >= 'a') || (right <= '9' && right >= '0'))){
                j--;
                continue;
            }
            if(left == right) {
                j--;
                i++;
            }else {
                return false; //只要不等，就返回false
            }
        }
        return true;
    }

    public static void main(String [] args) {
        System.out.println(new L125().isPalindrome("1b1"));
    }
}
```