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CS 146

Task: 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.

Approach:

1. Convert the given String to lowercase and remove the nonalphanumeric numbers
2. Create left and right pointers for the beginning and end of the String
3. If the left and right do not match then return false
4. Iterate until the middle of the string and if it reaches the end, return True

Test cases:

```
Solution solution = new Solution();  
String s1 = "A man, nama";  
String s2 = "runner is a rennur";  
System.out.println(solution.isPalindrome(s1));  
System.out.println(solution.isPalindrome(s2));
```