

ADDS Prac 1 Design
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UML Diagram

Palindrome:
-len :int
newstr :string
s :string
+.Remove(string)
+.Change(string)
+.IsPalindrome(string)

Description

Remove:Implementation of removing the non-alphabetical.

Change:Implementation of changing all letters to lower case.

IsPalindrome:return the bool whether the phrase is palindrome.

Main:The main function for the program reads a string, then remove the non-alphabetical characters,change all letters in the phrase into lower cases,and check whether the phrase is a palindrome.

Testing:

1)given input: awwa

expect output:yes

2)given input:WOW

expect output:wow yes

3)given input:w.aa.w

expect output:waaw yes

4)given input:!Not,t

expect output:nott no