

Palindrome
- str : string + removeNonLetters() : void + lowerCase() : void + isPalindrome() : bool

Description

Palindrome:

Stores a piece of text and provides functions to change the text and a function for checking if the text is a palindrome.

removeNonLetters() – a function to remove all characters in the text that are not letters.

lowerCase() – a function to make all the existing capital letters into lower case.

isPalindrome() – returns true if it is a palindrome or empty string, false if not.

Main:

The main function reads in a piece of text and outputs “Yes” or “No” depending on if the text is or isn’t a palindrome after the non-letters are removed and it’s changed to lowercase.

Testing

Test cases:

Input:

bob

Expected output:

Yes

Input:

-// B ob48

Expected output:

Yes

Input:

hello

Expected output:

No

Input:

(empty string)

Expected output:

Yes

Input:

23984

Expected output:

Yes

Input:

- p

Expected output:

Yes

Input:

Dog race pope car god.

Expected output:

Yes

Input:

20f0 jim 28h[[fn0.[8jn9w[/.]ef7hs ‘

Expected output:

No