
Is it a palindrome?

P50497_en

Write a function that tells if s is a palindrome or not. Remember that a word is a palindrome if it reads the same from left to right than from right to left. In this exercise, s can be rather large; this is why it is passed by reference.

In order to compare the efficiency of your solution against the efficiency of the solution of the Judge, start checking s from its ends.

Interface

| | |
|--------|---|
| C++ | bool <i>is_palindrome</i> (const string& s); |
| C | int <i>is_palindrome</i> (const char s [], int ssize); |
| Java | public static boolean <i>isPalindrome</i> (String s); |
| Python | <i>is_palindrome</i> (s) # returns bool <i>is_palindrome</i> (s: str) → bool |

Observation

You only need to submit the required procedure; your main program will be ignored.

Problem information

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Generation : 2023-07-14 18:03:33

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