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## Is it a palindrome?

P50497\_en

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

### Observation

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

### Problem information

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