

A Palindrome

You're given a string s , consisting of lowercase letters, whose length is less than 10^5 . Please determine the minimum number of characters you must change to make s read the same forwards and backward.

SHORT NAME: palindrome

INPUT FORMAT:

The first line of input contains the string s . The length of s will be between 1 and 10^5 , inclusive.

OUTPUT FORMAT:

Output an integer k that denotes the minimum number of characters that must be changed in s to make it a palindrome.

SAMPLE INPUT:

awejsewz

SAMPLE OUTPUT:

2

We can change the string to “zwessewz” with two edits, making it a palindrome.