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### Problem

You are given two strings  $S$  and  $T$  of equal lengths. You need to pick some characters from the first string, some from the second string and then form a new string by rearranging the characters you have picked. You need to find the length of the maximum string that you can make which will be a palindrome.

### Input

The first line contains a string  $S$  as input and the next line contains a string  $T$  as input.

### Output

In the output, you need to print an integer which denotes the maximum length of the palindrome that can be obtained.

### Constraints

$$1 \leq |S|, |T| \leq 1000$$

Sample Input	Sample Output
aab cba	5

Time Limit: 1

Memory Limit: 256

Source Limit: