Consider a string, $s$, of $n$ lowercase English letters where each character, $s_{i}(0 \leq i<n)$, denotes the letter at index $i$ in $s$. We define an $(a, b, c, d)$ palindromic tuple of $s$ to be a sequence of indices in $s$ satisfying the following criteria:

- $s_{a}=s_{d}$, meaning the characters located at indices $a$ and $d$ are the same.
- $s_{b}=s_{c}$, meaning the characters located at indices $b$ and $c$ are the same.
- $0 \leq a<b<c<d<|s|$, meaning that $a, b, c$, and $d$ are ascending in value and are valid indices within string $s$.

Given $s$, find and print the number of $(a, b, c, d)$ tuples satisfying the above conditions. As this value can be quite large, print it modulo $\left(10^{9}+7\right)$.

## Function Description

Complete the function shortPalindrome in the editor below.
shortPalindrome has the following paramter(s):

- string s: a string


## Returns

- int: the number of tuples, modulo $\left(10^{9}+7\right)$


## Input Format

A single string, $s$.

## Constraints

- $1 \leq|s| \leq 10^{6}$
- It is guaranteed that $s$ only contains lowercase English letters.


## Sample Input 0

```
kkkkkkz
```


## Sample Output 0

15

## Explanation 0

The letter $z$ will not be part of a valid tuple because you need at least two of the same character to satisfy the conditions defined above. Because all tuples consisting of four $k$ 's are valid, we just need to find the number of ways that we can choose four of the six k 's. This means our answer is $\binom{6}{4} \bmod \left(10^{9}+7\right)=15$.

## Sample Input 1

ghhggh

## Sample Output 1

4

## Explanation 1

The valid tuples are:

1. $(0,1,2,3)$
2. $(0,1,2,4)$
3. $(1,3,4,5)$
4. $(2,3,4,5)$

Thus, our answer is $4 \bmod \left(10^{9}+7\right)=4$.
Sample Input 0
kkkkkkz

## Sample Output 0

15

## Sample Input 1

abbaab

## Sample Output 1

4

## Sample Input 2

## akakak

## Sample Output 2

## Explanation 2

Tuples possible are $(1,2,4,5)$ and $(0,1,3,4)$

