



Zero Density

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Zero Density, the platinum sponsor of HUPROG this year, has started to accept applications for summer internships. Some members of the HUPROG team came across this company's internship posting on the internet and they decided to apply for this internship. After a while, they received an email stating that the application was accepted and they proceeded to the interview stage. They asked Berat, one of the HUPROG team members, the following question: How many **“zero”** can be created with given string ***S***? Since Berat has an excited personality, he gets excited and forgets everything he knows during the interview. Help Berat to pass the Interview

Note: Since the output number might be large, print the result after taking modulo arithmetic to the $10^9 + 7$

Input Format

the first line contains length of ***S***

the second line contains string ***S***, all characters are lower case

Output Format

Print the total number of **“zero”** in the given string ***S***

Constraints

$$0 < len(S) < 8 * 10^7$$

Sample Input 1

```
8
ezeerroo
```

Sample Output 1

```
8
```

Explanation 1

- 1 2 4 6
- 1 2 4 7
- 1 2 5 6
- 1 2 5 7
- 1 3 4 6
- 1 3 4 7
- 1 3 5 6
- 1 3 5 7

it can be created with given indexes above.

Sample Input 2

```
13
```

Sample Output 2

```
20
```

zabezerzzeroo

C++

Bright

Memory Limit (kB) : 256000 Time Limit (s) : 2

```
1 //Brace your keyboard
2 //inzva community built algoleague for every algorithm enthusiast hungry for self-improvement and fri
3
4 #include <bits/stdc++.h>
5
6 using namespace std;
7
8 int main() {
9     // write your code here
10
11     return 0;
12 }
13
```



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Run Code

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