

Mock CCC '21 S2 - Colorful Strings

Time limit: 0.25s **Memory limit:** 1G

A string is colorful if every letter appears at most once in the string.

Given a string, count with multiplicity the number of subsequences which are colorful.

Constraints

$$1 \leq |S| \leq 10^5$$

Input Specification

The input is a string S on a single line consisting of only lowercase letters.

Output Specification

Output the number of colorful subsequences modulo $10^9 + 7$.

Sample Input

```
dmoj
```

Sample Output

```
16
```