

# Problem AD. Creating Strings II

**Time Limit** 1000 ms

**Mem Limit** 524288 kB

Given a string, your task is to calculate the number of different strings that can be created using its characters.

## Input

The only input line has a string of length  $n$ . Each character is between a–z.

## Output

Print the number of different strings modulo  $10^9 + 7$ .

## Constraints

- $1 \leq n \leq 10^6$

## Example

Input	Output
aabac	20