

Problem F. Digit Frequency

OS Linux

Given a string, s , consisting of alphabets and digits, find the frequency of each digit in the given string.

Input Format

The first line contains a string, num which is the given number.

Constraints

$$1 \leq \text{len}(num) \leq 1000$$

All the elements of num are made of english alphabets and digits.

Output Format

Print ten space-separated integers in a single line denoting the frequency of each digit from 0 to 9.

Input	Output
a11472o5t6	0 2 1 0 1 1 1 1 0 0

Explanation 0

In the given string:

- 1 occurs two times.
- 2, 4, 5, 6 and 7 occur one time each.
- The remaining digits 0, 3, 8 and 9 don't occur at all.

Input	Output
lw4n88j12n1	0 2 1 0 1 0 0 0 2 0
Input	Output
1v88886l256338ar0ekk	1 1 1 2 0 1 2 0 5 0