

11. You are given an integer array and you have to find the sum of the elements of the array and find the remainder when the sum is divided by the largest number of the array.

Input

First line contains N, the number of elements. Next line contains N space separated integers (elements of the array).

Output

Print the remainder when sum is divided by the maximum element.

Constraints

$1 \leq n \leq 100$   $0 \leq A[i] \leq 1000$

Sample Input

5  
1 2 3 4 5

Sample Output

0

12. Nemo is a little kid in Word-World who always gets mixed in a group of other words and gets lost. Marlin and Coral (Nemo's parents) are quite desperate and called you for help every time Nemo got lost. You helped for the first few times but got irritated when you were called upon again and again. So write an algorithm that would do your work for you. You will be given a group of words. You need to find 'Nemo' among these words and print its position.

Input

First line contains N, the number of words. The next line contains N space-separated words.

### Output

Print the position of the word 'Nemo' in the group.

### Constraints

$1 \leq N \leq 1000$   $1 \leq \text{word.length} \leq 50$

### Sample Input

6

This is a Nemo sample input

### Sample Output

4

13. Ron is schizophrenic and sees random digits hidden in words. He thinks it means something and someone is trying to secretly communicate with him. He wants to extract those digits from the words and see if they form a message. Harry really wants to help him but couldn't think of a way. But, Harry finally realized that if he somehow helps Ron in extracting those digits, Ron will finally realize that they don't mean anything and are just his delusions. He asked Ron to write down all the words that he sees. Help Harry by extracting the digits from these words.

### Input

First line contains N, the number of words. Next line contains N space-separated words.

### Output

Print the all the extracted digits separated by a space.

### Constraints

$1 \leq N \leq 50$  It is guaranteed that at least one digit will be present in the entire input.

## Sample Input

3

1 L0v3 Dcoder

## Sample Output

1 0 3

14. A word or a sentence is called a pangram if all the characters of this language appear in it at least once, either in lowercase or in uppercase. You are given a string S consisting of lowercase and uppercase English letters. If the string is a pangram, print "YES" else print "NO", without the double quotes.

## Input

A single string S.

## Output

Print "YES", if the string is a pangram, else print "NO".

## Constraints

 $1 \leq S.length \leq 100$ 

## Sample Input

QuickWaftingZephyrsVexBoldJim

## Sample Output

YES

15. José is from South America and hence, Spanish is his mother tongue. He wants to travel around the world and, therefore, decides to learn various languages, starting with English. He tries to learn the alphabetical order.. You being a good teacher will help him in doing so. He said he would learn just by asking questions. You have to answer his questions. You will

be given few characters. You need to arrange them in alphabetical order and print them.  
NOTE: Do not mind the case. (example : 'D' will come after 'a' in alphabetical order)

### Input

First line of input is N, the number of characters. Next line contains N space-separated characters.

### Output

Print the characters in ascending form

### Constraints

$1 \leq N \leq 26$  It is guaranteed that no character will be repeated.

### Sample Input

4

D c a M

### Sample Output

a c D M