

## A. Pangram

time limit per test: 2 seconds  
 memory limit per test: 256 megabytes  
 input: standard input  
 output: standard output

A word or a sentence in some language is called a *pangram* if all the characters of the alphabet of this language appear in it *at least once*. Pangrams are often used to demonstrate fonts in printing or test the output devices.

You are given a string consisting of lowercase and uppercase Latin letters. Check whether this string is a pangram. We say that the string contains a letter of the Latin alphabet if this letter occurs in the string in uppercase or lowercase.

### Input

The first line contains a single integer  $n$  ( $1 \leq n \leq 100$ ) — the number of characters in the string.

The second line contains the string. The string consists only of uppercase and lowercase Latin letters.

### Output

Output "YES", if the string is a pangram and "NO" otherwise.

### Examples

<b>input</b>
12 toosmallword
<b>output</b>
NO
<b>input</b>
35 TheQuickBrownFoxJumpsOverTheLazyDog
<b>output</b>
YES

### Codeforces Round #295 (Div. 2)

Finished

#### → Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ACM-ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.


Start virtual contest

#### → Problem tags

implementation strings

No tag edit access

#### → Contest materials

- Announcement 
- Tutorial 