

# Pangram

Time limit: 2 seconds

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.

## Sample Input1

12  
toosmallword

## Sample Output1

NO

## Sample Input2

35  
TheQuickBrownFoxJumpsOverTheLazyDog

## Sample Output2

YES