Pangrams   P77715_en

A *pangram* is a sentence that contains all the alphabet letters. For instance, `The quick brown dog jumps over the lazy fox` and the catalan sentence `Jove xef, porti whisky amb quinze glacons d'hidrogen` are pangrams.

Write a program that prints if determined sentences are pangrams or are not.

Input

Input is a sequence of sentence, each one ended with a dot. Each sentence is formed by letters (uppercase or lowercase), spaces and commas.

Output

For each sentence of the input, print "YES" or "NO" in a line indicating if is a pangram. We consider that letters are characters betwwen 'a' and 'z' and between 'A' and 'Z', no mattering if they are uppercase or lowercase letters.

Sample input

```
The quick brown dog jumps over the lazy fox
the quick brown
   dog jumps OVER the lazy
   fox  .
Jove xef, porti whisky amb dotze glacons d'hidrogen.
```

Sample output

```
YES
YES
NO
```

Problem information

Author : Jordi Petit
Translator : Carlos Molina
Generation : 2024-05-02 23:31:02