
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 between '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

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