

1769 - Matching Words

Description

Since ACTA has entered into force, Slavko has been spending his time offline, playing with words. Having played all games on words you may imagine, he came out with his own game. Slavko takes 2 words, and the game consists on saying whether it is possible or not to write one of them using just characters of the other. Easy game, isn't it?

Input specification

The first and only line of input contains two words, A and B, not more than 10^5 characters long, separated by a single space. Both words will contain only lower-case English letters.

Output specification

Output YES if one the given words can be written using only characters of the other. Otherwise you should output NO.

Sample input

```
banana bana
```

Sample output

```
YES
```

Hint(s)

Source	TBA
Added by	xshaka
Addition date	2012-03-29
Time limit (ms)	20000
Test limit (ms)	2000
Memory limit (kb)	262144
Output limit (mb)	64
Size limit (bytes)	50000

Enabled languages

C C# C++ Java Pascal Perl PHP
Python Ruby Text