A String Problem

Time Limit: 1.0s   **Memory Limit:** 64M

You are given 2 sentences, A, and B containing lowercase letters, and spaces. You have to check if it is possible to reconstruct the first string using only characters in the second string, **including spaces**.

Input Specification

The first line will contain the string A $(1 \leq |A| \leq 10^5)$.

The second line will contain the string B $(1 \leq |B| \leq 10^5)$.

Note that it is **not** guaranteed there is only one space between any two letters, nor that the strings will not contain trailing/leading spaces.

Output Specification

Output `YES` if it is possible to make sentence A using only characters from sentence B, and `NO` otherwise.

Sample Input 1

```
    aapo
 aosa   p
```

Sample Output 1

```
YES
```

Sample Input 2

```
aopsk
oapsk
```

Sample Output 2

```
NO
```

Explanation for Sample 2

There are trailing spaces in sentence A that are not in sentence B.

Sample Input 3

```
a a
a
```

Sample Output 3

```
NO
```