Problem I. I- string

Time limit   2000 ms
Mem limit   262144 kB

Problem Statement

You are given three strings A, B and C. Check whether they form a *word chain.*

More formally, determine whether both of the following are true:

- The last character in A and the initial character in B are the same.
- The last character in B and the initial character in C are the same.

If both are true, print `YES` . Otherwise, print `NO` .

Constraints

- A, B and C are all composed of lowercase English letters (`a` - `z`).
- $1 \le |A|, |B|, |C| \le 10$, where $|A|$, $|B|$ and $|C|$ are the lengths of A, B and C, respectively.

Input

Input is given from Standard Input in the following format:

```
A  B  C
```

Output

Print `YES` or `NO` .

Sample 1

Input	Output
rng gorilla apple	YES

They form a word chain.

Sample 2

Input	Output
yakiniku unagi sushi	NO

A and B form a word chain, but B and C do not.

Sample 3

Input	Output
a a a	YES

Sample 4

Input	Output
aaaaaaaaab aaaaaaaaa aaaaaaaab	NO