

Given two strings, determine if they share a common substring. A substring may be as small as one character.

For example, the words "a", "and", "art" share the common substring **a**. The words "be" and "cat" do not share a substring.

Function Description

Complete the function *twoStrings* in the editor below. It should return a string, either YES or NO based on whether the strings share a common substring.

twoStrings has the following parameter(s):

- *s1*, *s2*: two strings to analyze .

Input Format

The first line contains a single integer **p**, the number of test cases.

The following **p** pairs of lines are as follows:

- The first line contains string **s1**.
- The second line contains string **s2**.

Constraints

- **s1** and **s2** consist of characters in the range `ascii[a-z]`.
- $1 \leq p \leq 10$
- $1 \leq |s1|, |s2| \leq 10^5$

Output Format

For each pair of strings, return YES or NO.

Sample Input

```
2
hello
world
hi
world
```

Sample Output

```
YES
NO
```

Explanation

We have **p = 2** pairs to check:

1. **s1 = "hello"**, **s2 = "world"**. The substrings **"o"** and **"l"** are common to both strings.
2. **a = "hi"**, **b = "world"**. **s1** and **s2** share no common substrings.