

# Two Strings



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.