Two Strings

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

Example

$s1 = $ 'and'
$s2 = $ 'art'

These share the common substring a.

$s1 = $ 'be'
$s2 = $ 'cat'

These do not share a substring.

Function Description

Complete the function *twoStrings* in the editor below.

twoStrings has the following parameter(s):

- *string s1:* a string
- *string s2:* another string

Returns

- *string:* either `YES` or `NO`

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].
- $1 \le p \le 10$
- $1 \le |s1|, |s2| \le 10^5$

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.