


Two Strings | HackerRank

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

Example

$s1 = \text{'and'}$

$s2 = \text{'art'}$

These share the common substring *a*.

$s1 = \text{'be'}$

$s2 = \text{'cat'}$

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

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. $s1 = \text{"hello"}$, $s2 = \text{"world"}$. The substrings "o" and "l" are common to both strings.
2. $a = \text{"hi"}$, $b = \text{"world"}$. $s1$ and $s2$ share no common substrings.