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Two Strings 🔖

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Given two strings, a and b, determine if they share a common substring.

Input Format

The first line contains a single integer, p, denoting the number of (a, b) pairs you must check.
Each pair is defined over two lines:

1. The first line contains string a.

2. The second line contains string b.

Constraints

- a and b consist of lowercase English letters *only*.

- $1 \leq p \leq 10$

- $1 \leq |a|, |b| \leq 10^5$

Output Format

For each (a, b) pair of strings, print YES on a new line if the two strings share a common substring; if no such common substring exists, print NO on a new line.

Sample Input

```
2
hello
world
hi
world
```

Sample Output

```
YES
NO
```

Explanation

We have $c = 2$ pairs to check:

1. $a =$ **"hello"**, $b =$ **"world"**. The substrings **"o"** and **"l"** are common to both a and b, so we print YES on a new line.

2. $a =$ **"hi"**, $b =$ **"world"**. Because a and b have no common substrings, we print NO on a new line.

f 🐦 in

Submissions:44397

Max Score:25
Difficulty: Easy

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String Basics

More

Current Buffer (saved locally, editable)   ⑂ 🕓 | Java 7   ⌄ | ⛶   ⚙

```java
 1 ▾ import java.io.*;
 2   import java.util.*;
 3   import java.text.*;
 4   import java.math.*;
 5   import java.util.regex.*;
 6
 7 ▾ public class Solution {
 8
 9 ▾     static String twoStrings(String s1, String s2){
10           // Complete this function
11       }
12
13 ▾     public static void main(String[] args) {
14           Scanner in = new Scanner(System.in);
15           int q = in.nextInt();
16 ▾         for(int a0 = 0; a0 < q; a0++){
17               String s1 = in.next();
18               String s2 = in.next();
19               String result = twoStrings(s1, s2);
20               System.out.println(result);
21           }
22       }
23   }
24
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

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