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Two Strings

by zxqfd555

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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 ⅴ in

Submissions: 34798
Max Score: 25

Difficulty: Easy

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String Basics

More

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```csharp
 1  using System;
 2  using System.Collections.Generic;
 3  using System.IO;
 4  class Solution {
 5      static void Main(String[] args) {
 6          /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be
    named Solution */
 7
 8          int p = int.Parse(Console.ReadLine());
 9
10          while (p-- > 0)
11          {
12              string a = Console.ReadLine();
13              string b = Console.ReadLine();
14
15              string ans = "NO";
16              for (char i = 'a'; i <= 'z'; i++)
17              {
18                  //Console.WriteLine(i);
19                  if (a.Contains(i.ToString()) && b.Contains(i.ToString()))
20                  {
21                      ans = "YES";
22                      break;
23                  }
24              }
25
26              Console.WriteLine(ans);
27          }
28
29
30      }
31  }
```

Line: 27 Col: 14

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

Congrats, you solved this challenge!

✔ Test Case #0   ✔ Test Case #1   ✔ Test Case #2
✔ Test Case #3   ✔ Test Case #4   ✔ Test Case #5

Next Challenge

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