Java Strings Introduction ★

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> "A string is traditionally a sequence of characters, either as a literal constant or as some kind of variable." — Wikipedia: String (computer science)

This exercise is to test your understanding of Java Strings. A sample String declaration:

```
String myString = "Hello World!"
```

The elements of a String are called characters. The number of characters in a String is called the length, and it can be retrieved with the String.length() method.

Given two strings of lowercase English letters, A and B, perform the following operations:

1. Sum the lengths of A and B.
2. Determine if A is lexicographically larger than B (i.e.: does B come before A in the dictionary?).
3. Capitalize the first letter in A and B and print them on a single line, separated by a space.

Input Format

The first line contains a string A. The second line contains another string B. The strings are comprised of only lowercase English letters.

Output Format

There are three lines of output:

For the first line, sum the lengths of A and B.

For the second line, write `Yes` if A is lexicographically greater than B otherwise print `No` instead.

For the third line, capitalize the first letter in both A and B and print them on a single line, separated by a space.

Sample Input 0

```
hello
java
```

Sample Output 0

```
9
No
Hello Java
```

Explanation 0

String A is "hello" and B is "java".

A has a length of 5, and B has a length of 4; the sum of their lengths is 9.

When sorted alphabetically/lexicographically, "hello" precedes "java"; therefore, A is not greater than B and the answer is `No`.

When you capitalize the first letter of both A and B and then print them separated by a space, you get "Hello Java".

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```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        String A = sc.next();
        String B = sc.next();
        sc.close();

        System.out.println( A.length() + B.length() );
        System.out.println( (A.compareTo(B) > 0) ? "Yes" : "No");
        System.out.println(
            A.substring(0, 1).toUpperCase() + A.substring(1) + " " +
            B.substring(0, 1).toUpperCase() + B.substring(1)
        );
    }
}
```

Line: 23 Col: 1

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

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71% 130/150

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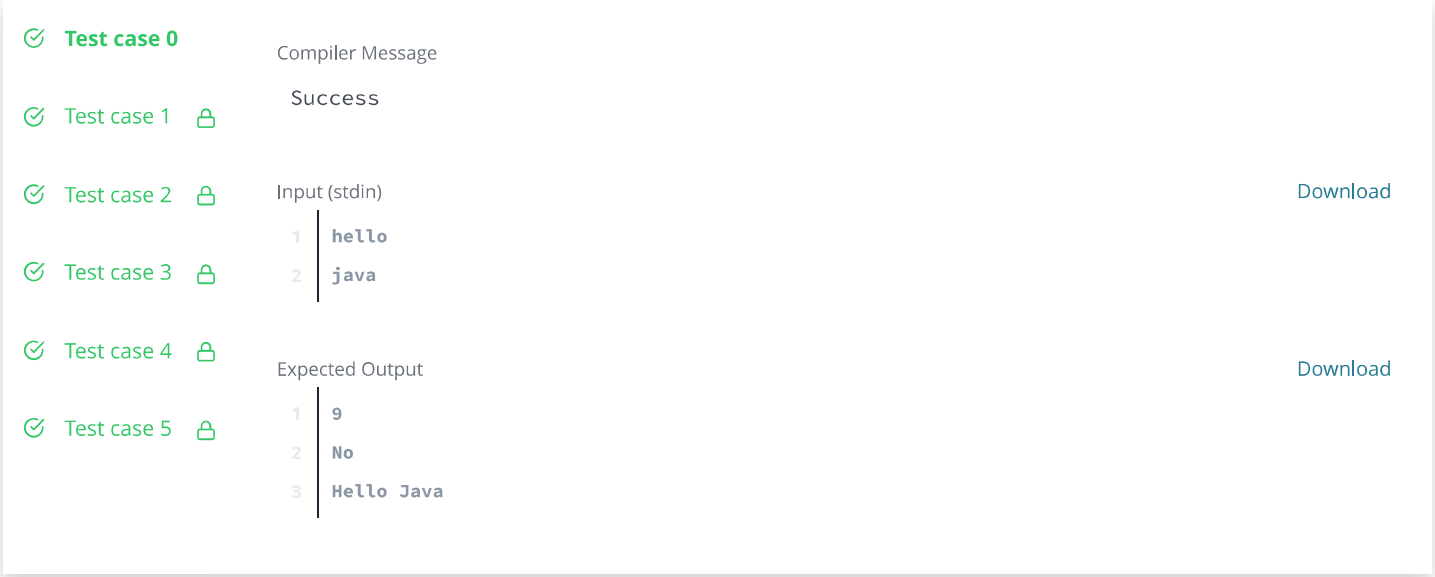
Test case 0
Test case 1
Test case 2
Test case 3
Test case 4
Test case 5
Compiler Message
Success
Input (stdin)
Download
1 hello
2 java
Expected Output
Download
1 9
2 No
3 Hello Java