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Tava Strings Introduction

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Problem Submissions Leaderboard Discussions Editorial A Author "A string is traditionally a sequence of characters, either as a literal constant or as some kind of variable." — Wikipedia: Difficulty Max Score String (computer science) Submitted By This exercise is to test your understanding of Java Strings. A sample String declaration: NEED HELP? 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, $m{A}$ and $m{B}$, perform the following operations: 1. Sum the lengths of \boldsymbol{A} and \boldsymbol{B} . 2. Determine if \boldsymbol{A} is lexicographically larger than \boldsymbol{B} (i.e.: does \boldsymbol{B} come before \boldsymbol{A} in the dictionary?). 3. Capitalize the first letter in \boldsymbol{A} and \boldsymbol{B} and print them on a single line, separated by a space. Input Format The first line contains a string $m{A}$. The second line contains another string $m{B}$. 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 \boldsymbol{A} and \boldsymbol{B} . For the second line, write Yes if \boldsymbol{A} is lexicographically greater than \boldsymbol{B} otherwise print No instead. For the third line, capitalize the first letter in both $m{A}$ and $m{B}$ 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

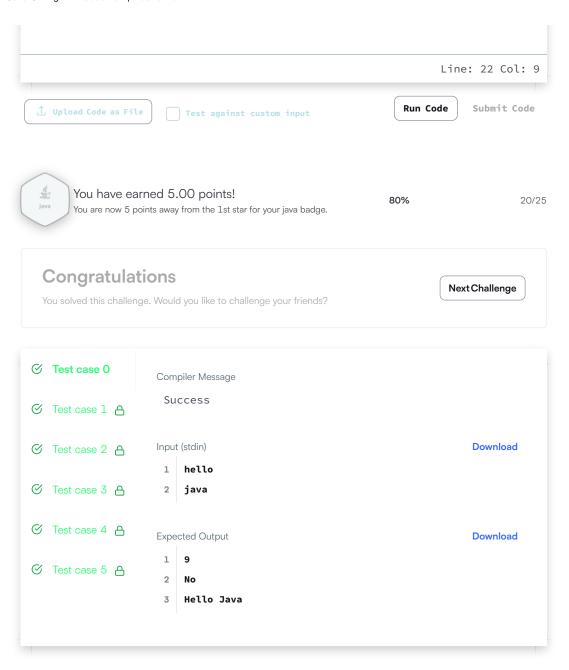
String \boldsymbol{A} is "hello" and \boldsymbol{B} is "java".

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

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

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

```
Change Theme Language Java 7
                                                                     1
1
     import java.io.*;
2
     import java.util.*;
3
4
     public class Solution {
5
6
         public static void main(String[] args) {
             Scanner sc=new Scanner(System.in);
8
9
             String A=sc.next();
             String B=sc.next();
10
11
            int total = A.length()+B.length();
12
13
            int compare = A.compareTo(B);
            String var = "No";
14
15
            if(compare>0){
                var = "Yes";
16
17
             String aConMayuscula = A.substring(0, 1).toUpperCase() + A.substring(1).toLowerCase
18
             String bConMayuscula = B.substring(0, 1).toUpperCase() + B.substring(1).toLowerCase
19
20
21
            System.out.println(total+"\n"+var+"\n"+aConMayuscula+" "+bConMayuscula);
22
23
        }
    }
24
25
26
27
28
```



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