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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```
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();

        int total = A.length()+B.length();
        int compare = A.compareTo(B);
        String var = "No";
        if(compare>0){
            var = "Yes";
        }
         String aConMayuscula = A.substring(0, 1).toUpperCase() + A.substring(1).toLowerCase
         String bConMayuscula = B.substring(0, 1).toUpperCase() + B.substring(1).toLowerCase

        System.out.println(total+"\n"+var+"\n"+aConMayuscula+" "+bConMayuscula);

    }
}
```

Line: 22 Col: 9

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

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80% 20/25

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

- 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
```