QUESTION:

"A string is traditionally a sequence of characters, either as a literal constant or as some kind of variable." — [Wikipedia: String (computer science)](https://en.wikipedia.org/wiki/String_%28computer_science%29)

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,  and , perform the following operations:

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

**Input Format**

The first line contains a string . The second line contains another string . 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  and .  
For the second line, write Yes if  is lexicographically greater than  otherwise print No instead.  
For the third line, capitalize the first letter in both  and  and print them on a single line, separated by a space.

**Sample Input 0**

hello

java

**Sample Output 0**

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No

Hello Java

**Explanation 0**

String  is "hello" and  is "java".

 has a *length* of , and  has a *length* of ; the sum of their lengths is .  
When sorted alphabetically/lexicographically, "hello" precedes "java"; therefore,  is not greater than  and the answer is No.

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

**ANSWER**:

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();

        /\* Enter your code here. Print output to STDOUT. \*/

        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,A.length())+" "+B.substring(0,1).toUpperCase()+B.substring(1,B.length())+" ");

    }

}