

D. Hussien and Strings

time limit per test: 1 second  
memory limit per test: 256 megabytes  
input: standard input  
output: standard output

Hussien has two strings A, B he can make only one operation that can swap any two letters in the String A.

Given two strings A, B if Hussien can make them equal print "YES", otherwise print "NO".

Note: Hussien will make this operation exactly one.

Input

The only line of the input contains two strings A,B ( $2 \leq |A|, |B| \leq 10^5$ ), consisting of only lowercase English letters.

Output

print "YES" if he can make them equal otherwise print "NO".

Examples

input	Copy
aba aab	
output	Copy
YES	

input	Copy
abc def	
output	Copy
NO	

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About Group



Group website

Group Contests

- Sheet #10 (General Hard)
- Sheet #9 (General medium)
- Sheet #8 (General easy)
- Sheet #7 (Recursion)
- Sheet #6 (Math - Geometry)
- Sheet #5 (Functions)
- Sheet #4 (Strings)
- Contest #3.1
- Sheet #3 (Arrays)
- Contest #2
- Sheet #2 (Loops)
- Contest #1
- Sheet #1 (Data type - Conditions)

Sheet #10 (General Hard)

Finished

Practice



About Time Scaling

This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the [link](#).