Problem A. equal ?

Input file:	**standard input**
Output file:	**standard output**
Time limit:	1 second
Memory limit:	256 megabytes

You are given two strings (string a and string b).

You can swap any two characters in the first string, for example, the word **"red"** will become **"rde"** by swapping the last two characters.

You can make as many swaps as you can.

Can you make string a equals to string b?

Input

The input contains only two strings (a and b). The length of the two strings will be between 1 and 100 and both a and b will be of the same length.

Output

Print "YES"if you can make string a equals to string b, and print "NO"otherwise.

Examples

standard input	standard output
der red	YES
abad abcd	NO
cat act	YES