# Palindrome

Your friend, Nathan, is exploring a cave with the famous Michael the Explorer. This cave is said to contain lots of treasures! However, they came across a puzzle which is difficult for them to solve by themselves alone. In order to continue their treasure hunt, they must solve this puzzle. To solve this puzzle, they need your help.

The puzzle requires them to figure out whether a string is a palindrome or not. A palindrome is a sequence of characters that has the same sequence of characters if it is read forwards and backwards. For example, "moon" is not a palindrome but "noon" is.

There is, however, a catch. The puzzle will not just give you one word, but two. These two words consist of lowercase English letters only. Your job is to determine whether the two words, if joined together, will form a palindrome.

**Input**
There are two lines of input. The first line contains the first word and the second line contains the second word. Both words are guaranteed to have **equal length** and consists of **lower-case letters** only. The length of the words is at most 100.

**Output**
If the joined word that is formed using the two input words is a palindrome, print "YES" (without quotes). Otherwise, print "NO". Your output must contain a newline character.

**Sample Input**
```
kasurin
nirusak
```

**Sample Input**
```
YES
```

**Explanation**
The two words, if joined together, form the word "kasurinnirusak", which reads the same way forwards and backwards. Therefore, it is a palindrome and you must print "YES".