PROBLEMS   SUBMIT   STATUS   STANDINGS   CUSTOM TEST

A. Translation

time limit per test: 2 seconds
memory limit per test: 256 megabytes
input: standard input
output: standard output

The translation from the Berland language into the Birland language is not an easy task. Those languages are very similar: a berlandish word differs from a birlandish word with the same meaning a little: it is spelled (and pronounced) reversely. For example, a Berlandish word code corresponds to a Birlandish word edoc. However, it's easy to make a mistake during the «translation». Vasya translated word S from Berlandish into Birlandish as t. Help him: find out if he translated the word correctly.

Input

The first line contains word S, the second line contains word t. The words consist of lowercase Latin letters. The input data do not consist unnecessary spaces. The words are not empty and their lengths do not exceed 100 symbols.

Output

If the word t is a word S, written reversely, print YES, otherwise print NO.

Examples

input
code edoc
output
YES

input
abb aba
output
NO

input
code code
output
NO

Codeforces Beta Round #40 (Div. 2)

Finished

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ACM-ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

[Start virtual contest]

→ Problem tags

[implementation] [strings]

No tag edit access

→ Contest materials

- Announcement   ✕
- Tutorial   ✕