

Problem E. Translation

Time limit 1000 ms

Mem limit 262144 kB

Input file `stdin`

Output file `stdout`

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, making a mistake during the "translation" is easy. Vasya translated the 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 contain 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	Output
code edoc	YES

Input	Output
abb aba	NO

Input	Output
code code	NO