

Problem

You have been given a String S . You need to find and print whether this string is a palindrome or not. If yes, print "YES" (without quotes), else print "NO" (without quotes).

Input Format

The first and only line of input contains the String S . The String shall consist of lowercase English alphabets only.

Output Format

Print the required answer on a single line.

Constraints $1 \leq |S| \leq 100$

Note

String S consists of lowercase English Alphabets only.

Sample Input	Sample Output
aba	YES

Time Limit: 1

Memory Limit: 256

Source Limit: