Problem F5203 First Palindrome Problem

A palindrome is a word, phrase, number, or other sequence of characters which reads the same backward as forward. In this problem we will focus on word palindromes. For example the word "madam" reads the same backward as forward, so it is a word palindrome. But the word "selfless" does not have this property, so it is not a word palindrome.

In this problem you will be given a word, and you are asked to check if it is a word palindrome.

Input

The input consist of a single word on a line by itself. The word consist of at least 1 and at most 100 many lowercase English Alphabet.

Output

Output "Yes" (without quote) if the word is a word palindrome, otherwise output "No" (without quote).

Sample Input 1

madam

Sample Output 1

Yes

Sample Input 2

selfless

Sample Output 2

No