Problem AA. Is Palindrome

Time limit   1000 ms

Mem limit   524288 kB

Given a word, print `Yes` if it is a palindrome, otherwise `No`.

A palindrome is a word which reads the same backward as forward, e.g. racecar.

Input

The input will contain a string S ($0 <$ `Length of S` < 100).

S will contain lowercase alphabets only.

Output

Print `Yes` or `No`.

Samples

Input	Output
racecar	Yes

Input	Output
carrot	No