Problem H. Palindrome with leading zeros

Time limit 2000 ms **Mem limit** 1048576 kB

Problem Statement

Given is an integer N.

Is it possible to add zero or more $\, 0 \,$ s at the beginning of the string representing N in base ten to get a palindrome?

Constraints

• $0 \le N \le 10^9$

Input

Input is given from Standard Input in the following format:

N

Output

If a palindrome can be made, print Yes; otherwise, print No.

Sample 1

| Input | Output |
|-------|--------|
| 1210 | Yes |

Adding one $\, 0 \,$ at the beginning of $\, 1210 \,$ results in $\, 01210 \,$, a palindrome.

Sample 2

| Input | Output |
|-------|--------|
| 777 | Yes |

777 is already a palindrome.

Sample 3

| Input | Output |
|-----------|--------|
| 123456789 | No |