

D. Touchy-Feely Palindromes

time limit per test: 2 seconds
memory limit per test: 64 megabytes
input: standard input
output: standard output

Input

The only line of the input contains a string of digits. The length of the string is between 1 and 10, inclusive.

Output

Output "Yes" or "No".

Examples

input
373
output
Yes

input
121
output
No

input
436
output
Yes