## E. HQ

time limit per test: 2 seconds memory limit per test: 256 megabytes input: standard input

output: standard output

The famous joke programming language HQ9+ has only 4 commands. In this problem we will explore its subset — a language called HQ...

## Input

The only line of the input is a string between 1 and  $10^6$  characters long.

## **Output**

Output "Yes" or "No".

Exam	oles
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nput	
нн	
utput	
es	
nput	

input	
нонон	
output	
No	

input	
нноннон	
output	
No	

input			
нноднноднн			
output			
Yes			

## **Note**

The rest of the problem statement was destroyed by a stray raccoon. We are terribly sorry for the inconvenience.