

Problem

You are required to enter a word that consists of x and y that denote the number of Zs and Os respectively. The input word is considered similar to word **zoo** if $2 \times x = y$.

Determine if the entered word is similar to word **zoo**.

For example, words such as **zzoooo** and **zzzoooooooo** are similar to word **zoo** but not the words such as **zzooo** and **zzzoooooooo**.

Input format

- First line: A word that starts with several Zs and continues by several Os.
Note: The maximum length of this word must be 20.

Output format

Print **Yes** if the input word can be considered as the string **zoo** otherwise, print **No**.

Sample Input	Sample Output
zzzoooooooo	Yes

Time Limit: 0.5

Memory Limit: 256

Source Limit: