

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**.