**Problem:**

You are required to enter a word that consists of x and y that denote the number of **Z**s and **O**s respectively. The input word is considered similar to word **zoo**if 2×x=y.

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

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

**Input format**

* First line: A word that starts with several **Z**s and continues by several **O**s.  
  **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**

zzzoooooo

**Sample Output**

Yes