**Flowers Flourish from France**

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**Timelimit: 1**

Fiona has always loved poetry, and recently she discovered a fascinating poetical form. *Tautograms* are a special case of alliteration, which is the occurrence of the same letter at the beginning of adjacent words. In particular, a sentence is a tautogram if all of its words start with the same letter.

For instance, the following sentences are tautograms:

* Flowers Flourish from France
* Sam Simmonds speaks softly
* Peter pIckEd pePPers
* truly tautograms triumph

Fiona wants to dazzle her boyfriend with a romantic letter full of this kind of sentences. Please help Fiona to check if each sentence she wrote down is a tautogram or not.

**Input**

Each test case is given in a single line that contains a sentence. A sentence consists of a sequence of at most 50 words separated by single spaces. A word is a sequence of at most 20 contiguous uppercase and lowercase letters from the English alphabet. A word contains at least one letter and a sentence contains at least one word.

The last test case is followed by a line containing only a single character '\*' (asterisk).

**Output**

For each test case output a single line containing an uppercase 'Y' if the sentence is a tautogram, or an uppercase 'N' otherwise.

| **Sample Input** | **Sample Output** |
| --- | --- |
| Flowers Flourish from France Sam Simmonds speaks softly Peter pIckEd pePPers truly tautograms triumph this is NOT a tautogram \* | Y Y Y Y N |

<https://www.urionlinejudge.com.br/judge/es/problems/view/1140>

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\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package javaapplication83;

import java.io.IOException;

import java.util.Scanner;

/\*\*

\*

\* @author Administrador

\*/

public class JavaApplication83 {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) throws IOException{

// TODO code application logic here

Scanner tec = new Scanner(System.in);

String input = tec.nextLine();

do {

String[] palabras = input.split(" ");

for (int i = 0; i < palabras.length; i++)

{

palabras[i] = palabras[i].toLowerCase();

}

char primero = palabras[0].charAt(0);

String answer = "Y";

for (int i = 0; i < palabras.length; i++)

{

if (palabras[i].charAt(0) != primero)

{

answer = "N";

break;

}

}

//Console.WriteLine(answer);

System.out.println(answer);

input = tec.nextLine();

}while(!input.equals("\*"));

}

}