No Duplicates

There is a game in which you try not to repeat a word while your opponent tries to see if you have repeated one.

"THE RAIN IN SPAIN" has no repeats.

"IN THE RAIN AND THE SNOW" repeats THE.

"THE RAIN IN SPAIN IN THE PLAIN" repeats THE and IN.

Write a program to test a phrase.

**Input**

Input is a line containing words separated by single spaces, where a word consists of one or more uppercase letters. A line contains no more than 8080 characters.

**Output**

The output is "yes" if no word is repeated, and "no" if one or more words repeat.

|  |  |
| --- | --- |
| **Sample Input 1** | **Sample Output 1** |
| THE RAIN IN SPAIN | yes |

|  |  |
| --- | --- |
| **Sample Input 2** | **Sample Output 2** |
| IN THE RAIN AND THE SNOW | no |

|  |  |
| --- | --- |
| **Sample Input 3** | **Sample Output 3** |
| THE RAIN IN SPAIN IN THE PLAIN | no |

<https://open.kattis.com/problems/nodup>

using System;

using System.Collections.Generic;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

string[] s = Console.ReadLine().Trim().Split(' ');

Dictionary<string, int> dic = new Dictionary<string, int>();

string ans = "YES";

foreach (string item in s)

{

if (dic.ContainsKey(item))

{

dic[item]++;

}

else

{

dic[item] = 1;

}

if (dic[item] > 1)

{

ans = "NO";

break;

}

}

Console.WriteLine(ans);

Console.ReadLine();

}

}

}