Author

[Argaen](https://codefights.com/profile/Argaen)

https://codefights.com/img/coins_new.png2000

Code Fights Weekly has gained popularity in the past months and is receiving lots of fan letters. Unfortunately, some of the readers use offensive words and the editor wants to keep the magazine family friendly.

To manage this, you have been asked to implement a censorship algorithm. You will be given the fan letter text and a list offorbiddenWords. Your algorithm should replace all occurrences of the forbidden words in thetext with sequences of asterisks of the same length.

Be careful to censor only words, no one want to see "classic" spelled as "cl\*\*\*ic".

**Example**

For text = "The cat does not like the fire"and  
forbiddenWords = ["cat","fire"], the output should be  
`CensorThis(text, forbiddenWords) = "The \*\*\* does not like the \*\*\*\*".

* **[input] string text**

Text to censor, composed of mixed case English words separated by a single whitespace character each.

* **[input] array.string forbiddenWords**

The list of words to censor, all in lowercase.

* **[output] string**

The censored text. Its length should be the same as the length of text.

<https://codefights.com/challenge/cyB8kfHKL6WK4Huvy/main?utm_source=challengeOfTheDay&utm_medium=email&utm_campaign=email_notification>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static string Reemplazar(string text, string old)

{

string[] spl = text.Split(' ');

string[] originales = new string[spl.Length];

Array.Copy(spl, originales, spl.Length);

string ans = "";

//foreach (string s in spl)

for(int i =0; i < spl.Length; i++)

{

if (spl[i].ToLower() == old.ToLower())

{

string replace = "";

for (int j = 0; j < spl[i].Length; j++)

{

replace += "\*";

}

ans += replace + " ";

}

else

{

ans += originales[i] + " ";

}

}

return ans.Trim();

}

static string CensorThis(string text, string[] forbiddenWords)

{

foreach (string w in forbiddenWords)

{

text = Reemplazar(text, w);

}

return text;

}

static void Main(string[] args)

{

//string text = "hola como estas hola";

//string[] fw = {"hola", "como" };

string text ="Python is the BEST programming language and LOLCODE is the Worst";

string[] fw = {"worst", "best"};

Console.WriteLine( CensorThis(text, fw) ) ;

Console.ReadLine();

}

}

}

//En una sola funcion

string CensorThis(string text, string[] forbiddenWords)

{

foreach (string w in forbiddenWords)

{

// text = Reemplazar(text, w);

string[] spl = text.Split(' ');

string[] originales = spl;

string ans = "";

for (int i = 0; i < spl.Length; i++)

{

if (spl[i].ToLower() == w.ToLower())

{

string asteriscos = "\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

string replace = asteriscos.Substring(0, spl[i].Length);

ans += replace + " ";

}

else

{

ans += originales[i] + " ";

}

}

text = ans;

}

return text.Trim();

}