Author

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https://codefights.com/img/coins_new.png1000

Given a string s, determine whether or not it is possible to rearrange the letters in the string to make a[palindrome](https://en.wikipedia.org/wiki/Palindrome).

**Example**

* makePalindrome("aabb") = true  
  For example, "abba" is a palindrome.
* makePalindrome(""abcde"") = true  
  There's no way to construct a palindrome out of s.
* makePalindrome("xyyzx") = true  
  One of the possible palindromes is "xyzyx".
* **[input] string s**
  + A string of lowercase English letters.
* **[output] boolean**
  + true if you can make a palindrome by rearranging the letters in s, false otherwise.

<https://codefights.com/challenge/DyZ7j4bqHjMMz8LhD>

static bool makePalindrome(string s)

{

Dictionary<char, int> diccio = new Dictionary<char, int>();

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

{

if (diccio.ContainsKey(s[i]))

{

diccio[s[i]]++;

}

else

{

diccio[s[i]] = 1;

}

}

int impares = 0;

foreach (KeyValuePair<char, int> kvp in diccio)

{

//si contiene un numero impar de una misma letra

//y ese numero es mayor a 1, ya no puede reacomodarse para

//formar un palindromo, porque irian un numero par a los extremos

//y el impar al medio ej: "badadaaa"

//con 5 letras "a", 2 van en los extremos y una al medio (la que lo hace impar al grupo)

if (kvp.Value % 2 != 0)

{

impares++;

}

}

if (impares > 1)

{

return false;

}

return true;

}