**6 kyu**

**Count characters in your string**

1684188% of 843451 of8,200[riston](https://www.codewars.com/users/riston" \o "This kata's Sensei)

C#

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The main idea is to count all the occuring characters(UTF-8) in string. If you have string like this aba then the result should be { 'a': 2, 'b': 1 }

What if the string is empty ? Then the result should be empty object literal { }

**For C#**: Use a Dictionary<char, int> for this kata!

<https://www.codewars.com/kata/count-characters-in-your-string/csharp>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

public static Dictionary<char, int> Count(string str)

{

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

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

{

if (dic.ContainsKey(str[i]))

{

dic[str[i]]++;

}

else

{

dic[str[i]] = 1;

}

}

return dic;

}

static void Main(string[] args)

{

Console.ReadLine();

}

}

}