**8 kyu**

**Character Frequency**

501492% of 30187 of2,240[MysteriousMagenta](https://www.codewars.com/users/MysteriousMagenta)

C#

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Description

Welcome, Warrior! In this kata, you will get a message and you will need to get the frequency of each and every character!

Explanation

Your function will be called char\_freq/charFreq/CharFreq and you will get passed a string, you will then return a dictionary (object in JavaScript) with as keys the characters, and as values how many times that character is in the string. You can assume you will be given valid input.

Example

CharFreq("I like cats") => new Dictionary<char, int> {{'a', 1}, {' ', 2}, {'c', 1}, {'e', 1}, {'I', 1}, {'k', 1}, {'l', 1}, {'i', 1}, {'s', 1}, {'t', 1}}

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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> CharFreq(string message)

{

return message.GroupBy(c => c).ToDictionary(g => g.Key, g => g.Count());

}

public static Dictionary<char, int> CharFreq(string message)

{

// TODO

Dictionary<char, int> diccio =

new Dictionary<char, int>();

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

{

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

{

diccio[message[i]]++;

}

else

{

diccio[message[i]] = 1;

}

}

return diccio;

//return new Dictionary<char, int>();

}

static void Main(string[] args)

{

}

}

}