**6 kyu**

**Replace With Alphabet Position**

4108589% of3,1911,366 of23,666[MysteriousMagenta](https://www.codewars.com/users/MysteriousMagenta)

C#

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Welcome.

In this kata you are required to, given a string, replace every letter with its position in the alphabet.

If anything in the text isn't a letter, ignore it and don't return it.

a being 1, b being 2, etc.

As an example:

Kata.AlphabetPosition("The sunset sets at twelve o' clock.")

Should return "20 8 5 19 21 14 19 5 20 19 5 20 19 1 20 20 23 5 12 22 5 15 3 12 15 3 11" as a string. (If using c, it will need to be stored on the heap)

FUNDAMENTALS

STRINGS

<https://www.codewars.com/kata/replace-with-alphabet-position/csharp>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

public static string AlphabetPosition(string text)

{

if (text.Length == 0) return "";

text = text.ToLower();

int[] alfa = new int[26];

int num = 1;

for (char ch = 'a'; ch <= 'z'; ch++)

{

//Console.WriteLine(ch + " "+ (ch - 'a'));

alfa[ch - 'a'] = num;

num++;

}

string ans = "";

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

{

if(char.IsLetter(text[i]))

{

ans += alfa[text[i]-'a'] + " ";

}

}

return ans.Trim();

//return text;

}

static void Main(string[] args)

{

Console.WriteLine(AlphabetPosition("The sunset sets at twelve o' clock."));

//Console.WriteLine(AlphabetPosition(" "));

Console.ReadLine();

}

}

}