**7 kyu**

**Print count and numbers**

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C#

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Given a string of integers, count how many times that integer repeats itself, then return a string showing the count and the integer.

Example: countMe('1123') (count\_me in Ruby)

* Here 1 comes twice so <count><integer> will be "21"
* then 2 comes once so <count><integer> will be "12"
* then 3 comes once so <count><integer> will be "13"

hence output string will be "211213".

Similarly countMe('211213') will return '1221121113' (1 time 2, 2 times 1, 1 time 2, 1 time 1, 1 time 3)

Return "" for empty, nil or non numeric strings

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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 string CountMe(string data)

{

// your code here

if (data == null || data.Length == 0) return "";

if(!char.IsDigit( data[0]))

{

return "";

}

char prev = data[0];

int cont = 1;

string ans = "";

int i = 1;

for (i = 1; i < data.Length; i++)

{

if(!char.IsDigit( data[i]))

{

return "";

}

if (data[i] != prev)

{

ans += cont.ToString() + data[i - 1].ToString();

cont = 0;

}

cont++;

prev = data[i];

}

ans += cont.ToString() + data[i - 1].ToString();

return ans;

}

static void Main(string[] args)

{

// TestCaseData("1123").Returns("211213");

Console.WriteLine( CountMe("1123"));

Console.WriteLine(CountMe("a"));

Console.ReadLine();

}

}

}