**6 kyu**

**Remember**

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C#

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Write a function that takes a string and returns an array of the repeated characters (letters, numbers, whitespace) in the string.

If a charater is repeated more than once, only show it once in the result array.

Characters should be shown **by the order of their first repetition**. Note that this may be different from the order of first appearance of the character.

Characters are case sensitive.

For F# return a "char list"

Examples:

Remember("apple") => returns ['p']

Remember("apPle") => returns [] # no repeats, 'p' != 'P'

Remember("pippi") => returns ['p','i'] # show 'p' only once

Remember('Pippi') => returns ['p','i'] # 'p' is repeated first

<https://www.codewars.com/kata/remember/csharp>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

public static List<char> Remember(string str)

{

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

HashSet<char> hs = new HashSet<char>();

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

{

char key = str[i];

if (diccio.ContainsKey(key))

{

hs.Add(key);

diccio[key] = i;

}

else

{

diccio[key] = i;

}

}

return hs.ToList();

}

static void Main(string[] args)

{

foreach (char item in Remember("Pippi"))

{

Console.Write(item + " ");

}

Console.ReadLine();

}

}

}