**7 kyu**

**Form The Minimum**

462992% of 537172of 2,999[MrZizoScream](https://www.codewars.com/users/MrZizoScream)

C#

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**Task**

***Given*** a ***list of digits***, *return the****smallest number****that could be formed from these digits, using the digits only once ( ignore duplicates).*

**Notes :**

* Only ***positive integers*** *will be passed to the function (> 0 ), no negatives or zeros.*

**Input >> Output Examples**

1- minValue ({1, 3, 1}) ==> return (13)

Explanation:

***(13)*** *is the minimum number could be formed from* ***{1, 3, 1}*** , *Without duplications*

2- minValue({5, 7, 5, 9, 7}) ==> return (579)

Explanation:

***(579)*** *is the minimum number could be formed from* ***{5, 7, 5, 9, 7}*** , *Without duplications*

3- minValue({1, 9, 3, 1, 7, 4, 6, 6, 7}) return ==> (134679)

Explanation:

***(134679)*** *is the minimum number could be formed from* ***{1, 9, 3, 1, 7, 4, 6, 6, 7}*** , *Without duplications*

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ALL translations are welcomed

Enjoy Learning !!

**Zizou**

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Numerics;

namespace ConsoleApp1

{

class Program

{

public static long MinValue(int[] a)

{

//Magic

return long.Parse(string.Join("", new SortedSet<int>(a).ToArray()));

}

static void Main(string[] args)

{

int[] a = { 1, 9, 3, 1, 7, 4, 6, 6, 7 };

Console.WriteLine(MinValue(a));

Console.ReadLine();

}

}

}