**7 kyu**

**Remove the minimum**

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C#

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**The museum of incredible dull things**

The museum of incredible dull things wants to get rid of some exhibitions. Miriam, the interior architect, comes up with a plan to remove the most boring exhibitions. She gives them a rating, and then removes the one with the lowest rating.

However, just as she finished rating all exhibitions, she's off to an important fair, so she asks you to write a program that tells her the ratings of the items after one removed the lowest one. Fair enough.

**Task**

Given an array of integers, remove the smallest value. **Do not mutate the original array/list**. If there are multiple elements with the same value, remove the one with a lower index. If you get an empty array/list, return an empty array/list.

Don't change the order of the elements that are left.

**Examples**

Remover.RemoveSmallest(new List<int>{1,2,3,4,5}) = new List<int>{2,3,4,5}

Remover.RemoveSmallest(new List<int>{5,3,2,1,4}) = new List<int>{5,3,2,4}

Remover.RemoveSmallest(new List<int>{2,2,1,2,1}) = new List<int>{2,2,2,1}

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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 List<int> RemoveSmallest(List<int> numbers)

{

// Good Luck!

if (numbers == null || numbers.Count == 0)

return new List<int>();

List<int> copia = numbers.ToList();

copia.RemoveAt(copia.IndexOf(copia.Min()));

return copia;

}

static void Main(string[] args)

{

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

List<int> res = RemoveSmallest(a.ToList());

foreach(int item in res)

{

Console.Write(item + " ");

}

Console.ReadLine();

}

}

}