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https://codefights.com/img/coins_new.png1000

Write a program that given an array of integers determines if it is sorted in "ascending" order,"descending" order or "not sorted" at all.

**Example**

* For a = [10, 5, 4], the output should be  
  order(a) = "descending";
* For a = [6, 20, 160, 420], the output should be  
  order(a) = "ascending";
* For a = [1, 7, 0, 4, 8, 1], the output should be  
  order(a) = "not sorted".
* **[input] array.integer a**

1 < a.length < 100

* **[output] string**

"ascending", "descending" or "not sorted".

<https://codefights.com/challenge/EgrgxeZ9bui4noqP2/main?utm_source=challengeOfTheDay&utm_medium=email&utm_campaign=email_notification>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static string order(int[] a)

{

bool asc = true, desc = true;

for (int i = 1; i < a.Length; i++)

{

if (a[i] < a[i - 1])

{

asc = false;

}

if (a[i] > a[i - 1])

{

desc = false;

}

}

if (!asc && !desc)

{

return "not sorted";

}

if (asc)

{

return "ascending";

}

return "descending";

}

static void Main(string[] args)

{

Console.WriteLine(order(new int[] { 3 ,2,1}));

Console.ReadLine();

}

}

}

--SOLUCION POR XEPER-

string order(int[] a)

{

var x = a[0] > a[1];

for (var i = 1; i < a.Length; i++)

if (a[i - 1] > a[i] != x)

return "not sorted";

return x ? "descending" : "ascending";

}