Given some time output the time after one second.

**Example**

For currentTime = [23, 59, 59], the output should be  
nextSecond(currentTime) = [0, 0, 0].

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] array.integer currentTime**

Current time represented by array of three integers as follows: [hours, minutes, second].

The time is guaranteed to be valid, i.e.:  
0 ≤ hours ≤ 23,  
0 ≤ minutes, seconds ≤ 59.

* **[output] array.integer**

Time after one second in the same format.

<https://codefights.com/challenge/JKPD7LqN2fwkDWeFB/solutions>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static int[] nextSecond(int[] currentTime)

{

//TimeSpan t = new TimeSpan(currentTime[0], currentTime[1], currentTime[2]);

//TimeSpan t2 = t.Add(new TimeSpan(0, 0, 1));

//return new int[] { t2.Hours, t2.Minutes, t2.Seconds };

currentTime[2]++;

if (currentTime[2] >= 60)

{

currentTime[2] = 0;

currentTime[1]++;

if (currentTime[1] >= 60)

{

currentTime[1] = 0;

currentTime[0]++;

if (currentTime[0] >= 24)

{

currentTime[0] = 0;

}

}

}

return currentTime;

}

static int[] nextSecond(int[] currentTime)

{

TimeSpan t = new TimeSpan(currentTime[0], currentTime[1], currentTime[2]);

TimeSpan t2 = t.Add(new TimeSpan(0, 0, 1));

return new int[] { t2.Hours, t2.Minutes, t2.Seconds };

}

static void Main(string[] args)

{

int[] currentTime = { 23, 59, 59 };

foreach (int elem in nextSecond(currentTime))

{

Console.Write(elem + " ");

}

Console.ReadLine();

}

}

}