You're given an array of integers A and two integersa and b. Find the number of elements in the array such that a ≤ A[i] ≤ b, where i is the 0-based index of the element.

**Example**

For A = [2, 5, 6, 7, 1, 3, 4, 11, 56, 49], a = 1and b = 7,  
the output should be  
checkrange(A, a, b) = 7.

For 0 ≤ i ≤ 6 it is true that 1 ≤ A[i] ≤ 7.

**Input/Output**

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

*Constraints:*  
1 ≤ A.length < 8000,  
-106 ≤ A[i] ≤ 106.

* **[input] integer a**

*Contraints:*  
-106 ≤ a ≤ b.

* **[input] integer b**

*Contraints:*  
a ≤ b ≤ 106.

* **[output] integer**

The number of elements in A which are not smaller than a and not greater than b.

<https://codefights.com/challenge/bo7kyHtkeMPi2j9En/main>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static int checkrange(int[] A, int a, int b)

{

int ans = 0;

foreach (int elem in A)

{

if (elem >= a && elem <= b)

{

ans++;

}

}

return ans;

}

static void Main(string[] args)

{

int[] A = {2, 5, 6, 7, 1, 3, 4, 11, 56, 49};

int a = 1 ;

int b = 7;

Console.WriteLine( checkrange(A, a, b) );

Console.ReadLine();

}

}

}