**Monk and Welcome Problem**

Attempted by: **5270**

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Accuracy: **83%**

/

Maximum Score: **10**

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61 Votes

Tag(s):

Data Structures, Very-Easy

**PROBLEM**

**EDITORIAL**

**MY SUBMISSIONS**

**ANALYTICS**

Having a good previous year, Monk is back to teach algorithms and data structures. This year he welcomes the learners with a problem which he calls "Welcome Problem". The problem gives you two arrays AA and BB (each array of size NN) and asks to print new array CC such that:  
C[i]=A[i]+B[i]C[i]=A[i]+B[i] ; 1≤i≤N1≤i≤N  
Now, Monk will proceed further when you solve this one. So, go on and solve it :)

**Input**:  
First line consists of an integer NN, denoting the size of AA and BB.  
Next line consists of NN space separated integers denoting the array AA.  
Next line consists of NN space separated integers denoting the array BB.

**Output**:  
Print NN space separated integers denoting the array CC.

**Input Constraints**:  
1≤N≤1000001≤N≤100000  
1≤A[i]≤1000001≤A[i]≤100000; 1≤i≤N1≤i≤N  
1≤B[i]≤1000001≤B[i]≤100000; 1≤i≤N1≤i≤N

**SAMPLE INPUT**

5

1 2 3 4 5

4 5 3 2 10

**SAMPLE OUTPUT**

5 7 6 6 15

**Explanation**

The output array is the addition of input arrays A and B.

**Time Limit:**1.0 sec(s) for each input file.

**Memory Limit:**256 MB

**Source Limit:**1024 KB

**Marking Scheme:**Marks are awarded when all the testcases pass.

**Allowed Languages:**C, C++, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Scala 2.11.8, Swift, Visual Basic

<https://www.hackerearth.com/practice/data-structures/arrays/1-d/practice-problems/algorithm/monk-and-welcome-problem/>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

int n = int.Parse(Console.ReadLine());

int[] a = Array.ConvertAll(Console.ReadLine().Split(' '), e => int.Parse(e));

int[] b = Array.ConvertAll(Console.ReadLine().Split(' '), e => int.Parse(e));

for (int i = 0; i < n; i++)

{

Console.Write((a[i] + b[i]) + " ");

}

Console.ReadLine();

}

}

}