

# Arrays:Add two Arrays



Write a simple program to Add two arrays and store them in the thrid array  $C[i]=A[i]+B[i]$

## Input Format

First lines contains the number of test cases T. Next line consists of an integer N, denoting the size of A and B. Next line consists of N space separated integers denoting the array A. Next line consists of N space separated integers denoting the array B.

## Constraints

$1 \leq T \leq 10$   $1 \leq N \leq 100000$   $1 \leq A[i] \leq 100000$   $1 \leq B[i] \leq 100000$

## Output Format

Print N space separated integers denoting the array C.

## Sample Input 0

```
2
3
1 4 10
2 9 6
1
5
6
```

## Sample Output 0

```
3 13 16
11
```