

Case 1: a1 = {1, 2, 3}
a2 = {4, 5, 6}
o/p: {5, 7, 9}

Case 2: a1 = {1, 2, 3, 4}
a2 = {2, 3, 4, 5}
o/p: {1, 2, 7, 9}

Case 3: a1 = {1, 2, 3, 4, 5}
a2 = {1, 2, 3, 4, 5}
o/p: {1, 2, 4, 6}

Case 4: a1 = {9, 9, 9, 9, 9}
a2 = {9, 9, 9, 9, 9}
a3 = {1, 9, 9, 8, 9}

We won't have:
9999
aa9
10,998

res = [9, 9, 8]
temp = [1, 0, 0, 0]
[1, 9, 9, 8]

Swap 2 numbers:
int a = 10; int b = 20;
a = b;
b = a;

Add 2 arrays:
int[] a1 = {1, 2, 3};
int[] a2 = {4, 5, 6};
o/p: [5, 7, 9]

Follow up: a1 = {9, 9, 9}
a2 = {9, 9, 9}
o/p: [1, 9, 9, 8]

check uniformity:

int[] arr = {2, 3, 2, 2, 2} o/p: false.
int[] arr = {2, 2, 2, 2, 2} o/p: true.

o
int[] arr = {2, 2, 2, 2, 2, 9}
o/p: 9 1 3 2 2

Time complexity
↑
Space complexity

10 20 30 40 50
20 40 60 80 100
o/p: 50 40 30 20 10