**1 Calculate their sum**

In a financial application, numbers are represented as linked lists where each node contains a single digit. These numbers are stored in reverse order. Calculate their sum.

Given two non-empty linked lists representing two non-negative integers, add the two numbers and return it as a linked list.

**Input Format**

First line contains input n

second line contains n elements of LinkedListA.

Third line contains input k

next line contains k elements of LinkedListB

**Output Format**

Print the new LL after adding the elements.

**Sample Test Case 1:**

Input:

3

2  4  3

3

5  6  4

Output:

7  0  8

**Explanation:**

The numbers represented are 342 and 465 (reverse order). Their sum is 807, which in reverse order is 7  0 8.

**Sample Test Case 2:**

Input:

3

2  14  3

3

5  16  4

Output:

7  2  0  8

**Explanation:**

The numbers represented are 3412 and 4615 (reverse order). Their sum is 8027, which in reverse order is 7  2  0  8.

**Constraints:**

The number of nodes in each linked list is in the range [1, 100].

0 <= Node.val <= 9

**Extra Test Cases:**

**Test case 1:**

Input:

1

0

1

0

Output:

 0

**Test case 2:**

Input:

2

1  8

1

0

Output:

 1  8

**Test case 3:**

Input:

7

9  9  9  9  9  9  9

4

9  9  9  9

Output:

8  9  9  9  0  0  0  1

**Test case 4:**

Input:

2

2  4

3

5  6  7

Output:

 7  0  8

**Test case 5:**

Input:

1

0

3

1  2  3

Output:

1  2  3