

Description

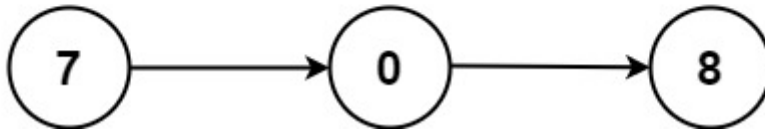
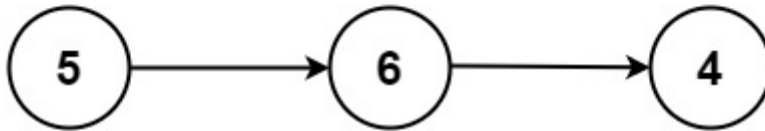
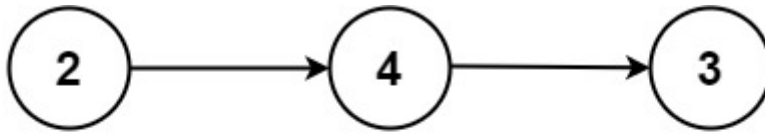
Solution

Discuss (999+)

Submissions

Go

Example 1:



Input: l1 = [2,4,3], l2 = [5,6,4]

Output: [7,0,8]

Explanation: 342 + 465 = 807.

Example 2:

Input: l1 = [0], l2 = [0]

Output: [0]

Example 3:

Input: l1 = [9,9,9,9,9,9,9], l2 = [9,9,9,9]

Output: [8,9,9,9,0,0,0,1]

Constraints:

- The number of nodes in each linked list is in the range [1, 100] .
- 0 ≤ Node.val ≤ 9
- It is guaranteed that the list represents a number that does not have leading zeros.

Accepted 2,114,539

Submissions 5,774,416

```

1  /**
2   * Definition
   list.
3   * type ListNode
4   *     Val int
5   *     Next *ListNode
6   */
7  /**
8  func addTwoNumbers(
9      l1 *ListNode,
10     l2 *ListNode)
11     *ListNode {
12     remainder := 0
13     origin := l1
14     for l1 != nil || l2 != nil || remainder != 0 {
15         nx := &ListNode{
16             Val: 0,
17             Next: nil,
18         }
19         if l1 != nil {
20             nx.Val += l1.Val
21         }
22         if l2 != nil {
23             nx.Val += l2.Val
24         }
25         nx.Val %= 10
26         remainder = nx.Val / 10
27         nx.Next = l1.Next
28         l1 = l1.Next
29         l2 = l2.Next
30         pv = nx
31     }
32     return pv
33 }
```

Testcase Run Code Result

Accepted Runtime: (

Your input

[2,4,3]
[5,6,4]

Output

[7,0,8]

Expected

[7,0,8]

Problems

Pick One

< Prev

2/1970

Next >

Use Example
Testcases

?

Run Code