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leetcode.com/problems/add-two-numbers/description/

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Description Editorial Solutions Submissions

• 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.

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Yes No

Accepted 5.6M Submissions 12.3M Acceptance Rate 45.8%

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Code

Java Auto

```
1 class Solution {
2     public ListNode addTwoNumbers(ListNode l1, ListNode l2) {
3         ListNode dummyHead = new ListNode(0);
4         ListNode tail = dummyHead;
5         int carry = 0;
6
7         while (l1 != null || l2 != null || carry != 0) {
8             int digit1 = (l1 != null) ? l1.val : 0;
9             int digit2 = (l2 != null) ? l2.val : 0;
10
11             int sum = digit1 + digit2 + carry;
12             int digit = sum % 10;
13             carry = sum / 10;
14
15             ListNode newNode = new ListNode(digit);
16             tail.next = newNode;
17             tail = tail.next;
18         }
19     }
20 }
```

Saved

ln 27, Col. 1

Testcase Test Result

Case 1 Case 2 Case 3 +

l1 =

[2,4,3]

l2 =

</> Source ?