

2. Add Two Numbers

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Notes

You are given two **non-empty** linked lists representing two non-negative integers. The digits are stored in reverse order and each of their nodes contain a single digit. Add the two numbers and return it as a linked list.

You may assume the two numbers do not contain any leading zero, except the number 0 itself.

**Input:** (2 -> 4 -> 3) + (5 -> 6 -> 4)

**Output:** 7 -> 0 -> 8

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```
1 # Definition for singly-linked list.
2 # class ListNode(object):
3 #     def __init__(self, x):
4 #         self.val = x
5 #         self.next = None
6
7 class Solution(object):
8     def addTwoNumbers(self, l1, l2):
9         """
10         :type l1: ListNode
11         :type l2: ListNode
12         :rtype: ListNode
13         """
14
```

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|                    |          |
|--------------------|----------|
| Difficulty:        | Medium   |
| Total Accepted:    | 365.1K   |
| Total Submissions: | 1.3M     |
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 Notes