

Add Two Numbers

```
1 class Solution(object):
2     def addTwoNumbers(self, l1, l2):
3         """
4         input: ListNode l1, Listnode l2
5         return: ListNode
6         """
7         # write your solution here
8         dummy = ListNode(0)
9         pre = dummy
10        carry = 0
11        while l1 or l2 or carry:
12            if l1:
13                carry += l1.val
14                l1 = l1.next
15            if l2:
16                carry += l2.val
17            pre.next = ListNode(carry % 10)
18            pre = pre.next
19            carry //= 10
20        return dummy.next
```