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역순으로 저장된 연결 리스트의 숫자를 더하라.
Input: 11 = [2,4,3], 12 = [5,6,4]
Output: [7,0,8]
# Definition for singly-linked list.
# class ListNode:
    def init (self, val=0, next=None):
#
       self.val = val
#
       self.next = next
1.브루트 포스
class Solution:
  def toList(self, head: ListNode) -> List[str]:
     result = ∏
     while head:
       result.append(str(head.val))
       head = head.next
     return result
  def addTwoNumbers(self, I1: ListNode, I2: ListNode) -> ListNode:
     result = None
     left = int(".join(self.toList(l1)[::-1]))
     right = int(".join(self.toList(l2)[::-1]))
     for c in str(left + right):
       result = ListNode(val = int(c), next = result)
     return result
2.전가산기 활용
class Solution:
  def addTwoNumbers(self, I1: ListNode, I2: ListNode) -> ListNode:
     root = head = ListNode(0)
     carry = 0
     while I1 or I2 or carry:
       sum = 0
       if 11:
          sum += I1.val
          I1 = I1.next
       if I2:
          sum += |2.val
          12 = 12.next
       carry, val = divmod(sum + carry, 10)
       head.next = ListNode(val = val)
       head = head.next
     return root.next
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▶ 가산기 알고리즘 활용하여 carry on을 처리하며 계산한다.