**2. Add Two Numbers**

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.

**Example:**

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

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

**Explanation:** 342 + 465 = 807.

1. /\*\*
2. \* Definition for singly-linked list.
3. \* public class ListNode {
4. \*     int val;
5. \*     ListNode next;
6. \*     ListNode(int x) { val = x; }
7. \* }
8. \*/
9. **class** Solution {
10. **public** ListNode addTwoNumbers(ListNode l1, ListNode l2) {


14. }
15. }