

## Question : Leet code for Add two numbers.

### Solution:

```
/**
 * Definition for singly-linked list.
 * public class ListNode {
 *     int val;
 *     ListNode next;
 *     ListNode() {}
 *     ListNode(int val) { this.val = val; }
 *     ListNode(int val, ListNode next) { this.val = val; this.next = next; }
 * }
 */

class Solution {
    public ListNode addTwoNumbers(ListNode l1, ListNode l2) {
        ListNode l3= new ListNode();
        ListNode output=l3;
        int i=0;
        do{
            // System.out.println((l1.val + l2.val)%10);
            l3.next = new ListNode(( (l1 == null ? 0 : l1.val)
                + (l2 == null ? 0 : l2.val) + i)%10);
            i = ( (l1 == null ? 0 : l1.val)
                + (l2 == null ? 0 : l2.val) + i)/10;
            l1= (l1 == null ? l1 : l1.next);
            l2=(l2 == null ? l2 : l2.next);
            l3=l3.next;
        } while (l1 !=null || l2 != null || i !=0 );
        return output.next;
    }
}
```

}