

```

//Function to add two numbers represented by linked list.
static Node addTwoLists(Node first, Node second){
    StringBuilder str1 = new StringBuilder(), str2 = new StringBuilder();
    Node curr1 = first, curr2 = second;
    while(curr1 != null){
        str1.append(curr1.data); curr1 = curr1.next;
    }
    while(curr2!=null){
        str2.append(curr2.data); curr2 = curr2.next;
    }
    int len1 = str1.length(), len2 = str2.length();
    StringBuilder sb1 = new StringBuilder(), sb2 = new StringBuilder();
    int min = Math.min(len1, len2), max = Math.max(len1, len2);
    for(int i = min + 1; i <= max; i++) {
        if(len1 < len2) {
            sb1.append("0"); continue;
        }
        sb2.append("0");
    }
    sb1.append(str1); sb2.append(str2);
    StringBuilder ans = new StringBuilder();
    int hand = 0;
    for(int i = max - 1; i >= 0; i--){
        int sum = (sb1.charAt(i) - 48) + (sb2.charAt(i) - 48) + hand;
        ans.append(sum % 10); hand = sum / 10;
    }
    if(hand != 0){
        ans.append(hand);
    }
    ans = ans.reverse();
    int len = ans.length();
    Node head = new Node(ans.charAt(0) - 48);
    curr1 = head;
    for(int i = 1; i < len; i++){
        Node newNode = new Node(ans.charAt(i) - 48);
        curr1.next = newNode; curr1 = curr1.next;
    }
    return head;
}

```