

```

1.  /**
2.   * Definition for singly-linked list.
3.   * class ListNode {
4.   *     public int val;
5.   *     public ListNode next;
6.   *     ListNode(int x) { val = x; next = null; }
7.   * }
8.   */
9.  public class Solution {
10.     public ListNode addTwoNumbers(ListNode l1, ListNode l2) {
11.         ListNode dummy = new ListNode(0);
12.         ListNode tmp=dummy;
13.         int car=0;
14.         while(l1!=null || l2!=null || car==1){
15.             int sum=0;
16.             if(l1!=null){
17.                 sum+=l1.val;
18.                 l1=l1.next;
19.             }
20.             if(l2!=null){
21.                 sum+=l2.val;
22.                 l2=l2.next;
23.             }
24.             sum+=car;
25.             car=sum/10;
26.             ListNode node =new ListNode(sum%10);
27.             tmp.next=node;
28.             tmp=tmp.next;
29.
30.         }
31.         return dummy.next;
32.     }
33. }

```

Problem Link: [Add 2 number as list- InterviewBit](#)

Tutorial Link: [Add 2 number as list- takeUforward](#)