

Problem-1 : Add Two Numbers

```
package com. ishwarchavan;

class Solution {
    public ListNode addTwoNumbers(ListNode l1, ListNode l2) {
        //      passing two listnode

        ListNode dummy = new ListNode(0);
        //initializing and declaring all the needed variable here
        ListNode p=l1, q=l2, curr=dummy;
        int carry=0; //
        assing 0 valur to the carry

        while(p !=null || q !=null) { //checking while
            condition , if satisfied then it will executed //It will check
            int x=p !=null ? p.val : 0;
            the size of Listnodes with condition operator
            int y=q !=null ? q.val : 0;
            int sum = x+y +carry; //adding two
            varialble x & y
            carry =sum/10; //Getting carry value by dividing
            sum by 10

            curr.next = new ListNode(sum%0); //creating new node which s attache with
            curr.node

            curr = curr.next; //shifting the node
            if(p !=null) p = p.next; //shifting all the pointer with node
            if(q !=null) q = q.next;
        }
        if(carry > 0) { //satisfied the
            condition then we need to attach the current carry value
            curr.next = new ListNode(carry);
        }
        return dummy.next; // return the value
    }
}
```