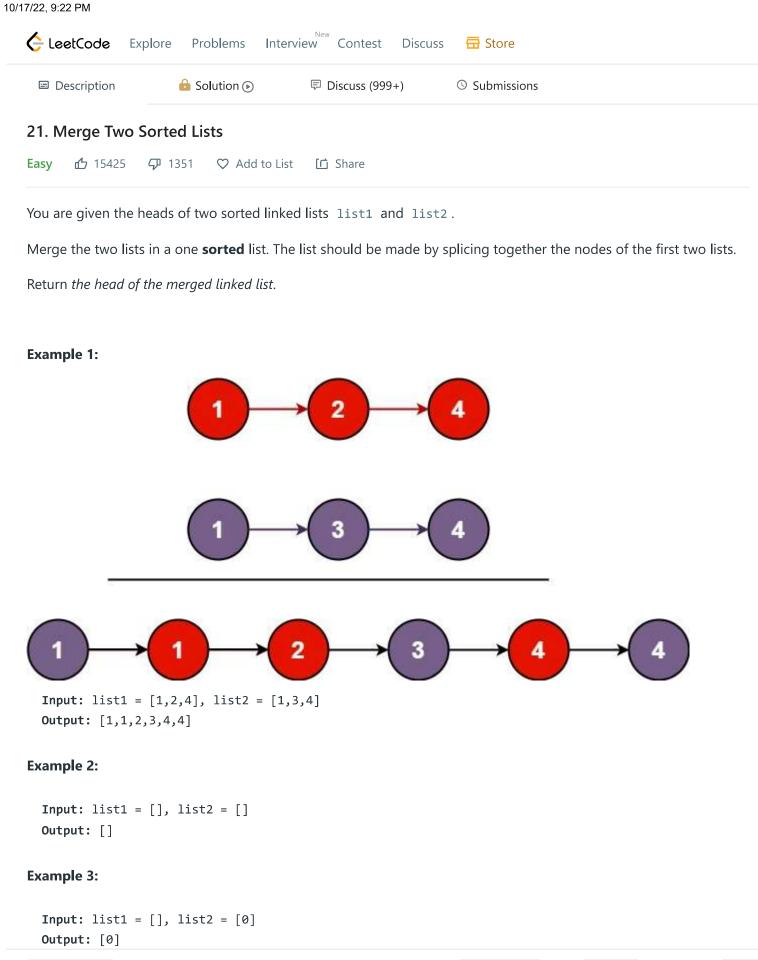
Merge Two Sorted Lists - LeetCode



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➢ Pick One

```
i Java
                                                                         i {} 5 ⊕ □
                Autocomplete
 4
               int val;
 5
               ListNode next;
              ListNode() {}
 6
               ListNode(int val) { this.val = val; }
 8
               ListNode(int val, ListNode next) { this.val = val; this.next = next; }
 9
        * }
        */
10
11
       class Solution {
           public ListNode mergeTwoLists( ListNode list1, ListNode list2 ) {
12
13
14
               if(list1 == null)
15
                    return list2;
16
                else if(list2 == null)
17
                    return list1;
18
                ListNode tempNode1 = list1;
19
20
                ListNode tempNode2 = list2;
21
22
                ListNode newList = new ListNode(0);
                ListNode currentNode = newList;
23
24
25
                while(tempNode1 != null && tempNode2 != null){
26
                    if(tempNode1.val < tempNode2.val){</pre>
27
                        currentNode.next = new ListNode(tempNode1.val);
28
                        tempNode1 = tempNode1.next;
29
                   }else{
30
                        currentNode.next = new ListNode(tempNode2.val);
                        tempNode2 = tempNode2.next;
31
32
33
34
                    currentNode = currentNode.next;
35
36
37 ▼
               while(tempNode1 != null){
38
                    currentNode.next = new ListNode(tempNode1.val);
39
                    tempNode1 = tempNode1.next;
40
                    currentNode = currentNode.next;
41
42
               while(tempNode2 != null){
43
                    currentNode.next = new ListNode(tempNode2.val);
44
                    tempNode2 = tempNode2.next;
45
46
                    currentNode = currentNode.next;
47
48
49
                return newList.next;
50
Console -
          Contribute i
                                                                  ▶ Run Code ^
                                                                                   Submit
```

☆ Premium

**≡** Problems