# 21. Merge Two Sorted Lists

## SOLUTION IN JAVA

class Solution {

public ListNode mergeTwoLists(ListNode list1, ListNode list2) {

if (list1 == null || list2 == null)

return list1 == null ? list2 : list1;

if (list1.val > list2.val) {

ListNode temp = list1;

list1 = list2;

list2 = temp;

}

list1.next = mergeTwoLists(list1.next, list2);

return list1;

}

}