## 21. Merge Two Sorted Lists Easy 🖔 Topics 🔒 Companies You are given the heads of two sorted linked lists list1 and list2. Merge the two lists into one **sorted** list. The list should be made by splicing together the nodes of the first two lists. Return the head of the merged linked list. Example 1: Input: list1 = [1,2,4], list2 = [1,3,4] Output: [1,1,2,3,4,4] Input: list1 = [], list2 = [] Output: [] Example 3: Input: list1 = [], list2 = [0] Output: [0] • -100 <= Node.val <= 100 Both list1 and list2 are sorted in non-decreasing order. \* Definition for singly-linked list. \* public class ListNode { int val; ListNode next; ListNode() {} ListNode(int val) { this.val = val; } ListNode(int val, ListNode next) { this.val = val; this.next = next; } \* } \*/ class Solution { public ListNode mergeTwoLists(ListNode list1, ListNode list2) { }

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