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</> Code

Python3  Auto

```
1 # Definition for singly-linked list
2 # class ListNode:
3 #     def __init__(self, val=0, next=None):
4 #         self.val = val
5 #         self.next = next
6 class Solution:
7     def mergeTwoLists(self, list1: Optional[ListNode], list2: Optional[ListNode]):
```

Saved

☒ Testcase  Test Result

Case 1 Case 2 Case 3 +

list1 =

[1,2,4]

list2 =

[1,3,4]

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21. Merge Two Sorted Lists

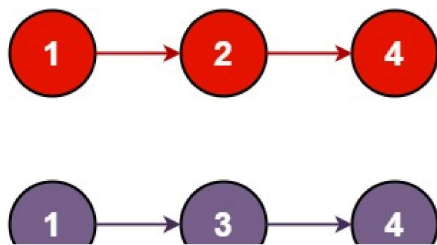
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You are given the heads of two sorted linked lists `list1` and `list2`.

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:

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