

23. Merge k Sorted Lists

Description (/problems/merge-k-sorted-lists/description/)

Hints (/problems/merge-k-sorted-lists/hints/)

Submissions (/problems/merge-k-sorted-lists/submissions/)

Discuss (/problems/merge-k-sorted-lists/discuss/)

Discuss (<https://discuss.leetcode.com/category/31>)

Pick One (/problems/random-one-question/)

Notes

Merge k sorted linked lists and return it as one sorted list. Analyze and describe its complexity.

Seen this question in a real interview before?

Yes

No

Subscribe (/subscribe/) to see which companies asked this question.

Related Topics ▾

Similar Questions ▾

Python3 ▾

```
1 # Definition for singly-linked list.
2 # class ListNode:
3 #     def __init__(self, x):
4 #         self.val = x
5 #         self.next = None
6
7 class Solution:
8     def mergeKLists(self, lists):
9         """
10         :type lists: List[ListNode]
11         :rtype: ListNode
12         """
13
```

☐ Custom Testcase ([Contribute](#) ⓘ)

Run

Submit