

Merge k Sorted Lists

Total

Question

Solution

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

Accepted: **55895** Total Submissions: **265166** Difficulty: **Hard**

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

[Show Tags](#)[Show Similar Problems](#)Have you met this question in a real interview? [Discuss \(/discuss/questions/oj/merge-k-sorted-lists/\)](/discuss/questions/oj/merge-k-sorted-lists/)

C



```
1  /**
2   * Definition for singly-linked list.
3   * struct ListNode {
4   *     int val;
5   *     struct ListNode *next;
6   * };
7   */
8  struct ListNode* mergeKLists(struct ListNode** lists, int listsSize) {
9
10 }
```

Custom Testcase ☐[Run Code](#)[Submit Solution](#)

✉ [Send Feedback \(mailto:admin@leetcode.com?subject=Feedback\)](mailto:admin@leetcode.com?subject=Feedback)
[Frequently Asked Questions \(/faq/\)](#) | [Terms of Service \(/tos/\)](#)

[Privacy](#)

Copyright © 2015 LeetCode