Sort Linked List (LeetCode 148 - Medium)

Problem Description

Sort a linked list.

Analysis

Merge sort for linked list.

1. Use two pointers to divide the linked list.
2. Sort each sub linked list.
3. Merge two sorted linked list.

Time Complexity: O(nlogn)

Merge Two Sorted Linked List (LeetCode 21 - Easy)

Problem Description

Merge two sorted linked list.

Analysis

1. Iterate through both linked list.
2. Compare and move the pointers until one of the pointer points to null.
3. Append the remaining nodes.

Time Complexity: O(n)

Solution



