▤ Description   📖 Editorial   🧪 Solutions   🕘 Submissions   🐞 Debugger ✕
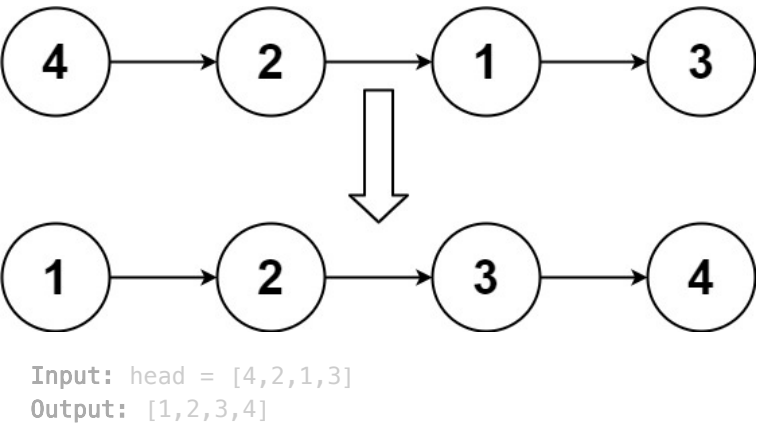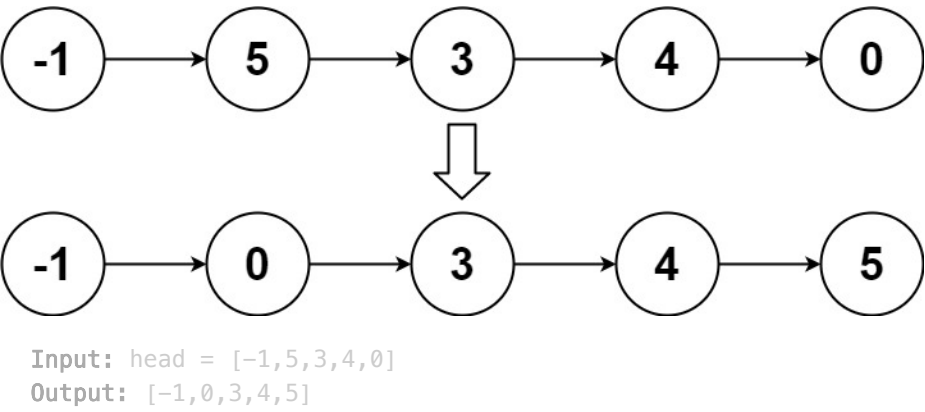
148. Sort List

Medium   ◇ Topics   ▥ Companies

Given the `head` of a linked list, return *the list after sorting it in **ascending order***.

Example 1:


```
Input: head = [4,2,1,3]
Output: [1,2,3,4]
```

Example 2:


```
Input: head = [-1,5,3,4,0]
Output: [-1,0,3,4,5]
```

Example 3:

```
Input: head = []
Output: []
```

Constraints:

- The number of nodes in the list is in the range `[0, 5 * 10⁴]`.

- `-10⁵ <= Node.val <= 10⁵`

Follow up: Can you sort the linked list in `O(n logn)` time and `O(1)` memory (i.e. constant space)?

Seen this question in a real interview before?   1/4

Yes   No

Accepted **739.9K**   Submissions **1.3M**   Acceptance Rate **57.2%**

◇ Topics

▥ Companies

▤▤ Similar Questions

◀ ▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬ ▶