23. Merge k Sorted Lists

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You are given an array of $\, k \,$ linked-lists $\, 1$ ists $\, , \,$ each linked-list is sorted in ascending order.

Merge all the linked-lists into one sorted linked-list and return it.

Example 1:

```
Input: lists = [[1,4,5],[1,3,4],[2,6]]
Output: [1,1,2,3,4,4,5,6]
Explanation: The linked-lists are:
[
    1->4->5,
    1->3->4,
    2->6
]
merging them into one sorted list:
1->1->2->3->4->4->5->6
```

Example 2:

```
Input: lists = []
Output: []
```

Example 3:

```
Input: lists = [[]]
Output: []
```

Constraints:

- k == lists.length
- 0 <= k <= 10⁴
- 0 <= lists[i].length <= 500
- -10⁴ <= lists[i][j] <= 10⁴
- lists[i] is sorted in ascending order.
- The sum of lists[i].length will not exceed 104.