# 23. Merge k Sorted Lists

## SOLUTION IN JAVA

class Solution {

public ListNode mergeKLists(ListNode[] lists) {

ListNode dummy = new ListNode(0);

ListNode curr = dummy;

Queue<ListNode> minHeap = new PriorityQueue<>((a, b) -> a.val - b.val);

for (final ListNode list : lists)

if (list != null)

minHeap.offer(list);

while (!minHeap.isEmpty()) {

ListNode minNode = minHeap.poll();

if (minNode.next != null)

minHeap.offer(minNode.next);

curr.next = minNode;

curr = curr.next;

}

return dummy.next;

}

}