

Divide and Conquer

1. **Maximum Subarray** – LeetCode 53

Hint: Think like Merge Sort – maximum subarray lies in **left half**, **right half**, or **crosses the middle**.

2. **Majority Element** – LeetCode 169

Hint: Divide array into halves – majority must be in at least one half.

3. **Merge k Sorted Lists** – LeetCode 23

Hint: Pairwise merge like in Merge Sort, instead of merging all at once.