Divide and Conquer
https://www.interviewbit.com/problems/matrix-search/ (https://www.interviewbit.com/problems/matrix-search/)

https://www.interviewbit.com/problems/median-of-array/ (https://www.interviewbit.com/problems/median-of-array/)

https://www.interviewbit.com/problems/search-for-a-range/ (https://www.interviewbit.com/problems/search-for-a-range/)

https://www.interviewbit.com/problems/square-root-of-integer/ (https://www.interviewbit.com/problems/square-root-of-integer/)

https://www.interviewbit.com/problems/implement-power-function/ (https://www.interviewbit.com/problems/implement-power-function/)

https://www.interviewbit.com/problems/rotated-sorted-array-search/ (https://www.interviewbit.com/problems/rotated-sorted-array-search/)

https://www.interviewbit.com/problems/sorted-insert-position/ (https://www.interviewbit.com/problems/sorted-insert-position/)

https://www.interviewbit.com/problems/allocate-books/ (https://www.interviewbit.com/problems/allocate-books/)

https://www.interviewbit.com/problems/painters-partition-problem/ (https://www.interviewbit.com/problems/painters-partition-problem/)

https://www.interviewbit.com/problems/matrix-median/ (https://www.interviewbit.com/problems/matrix-median/)

https://leetcode.com/problems/find-k-th-smallest-pair-distance/ (https://leetcode.com/problems/find-k-th-smallest-pair-distance/)

https://leetcode.com/problems/median-of-two-sorted-arrays/ (https://leetcode.com/problems/median-of-two-sorted-arrays/)

https://leetcode.com/problems/search-a-2d-matrix-ii/ (https://leetcode.com/problems/search-a-

2d-matrix-ii/)

https://leetcode.com/problems/powx-n/ (https://leetcode.com/problems/powx-n/)

https://leetcode.com/problems/sqrtx/ (https://leetcode.com/problems/sqrtx/)

https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/
(https://leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/)

https://leetcode.com/problems/split-array-largest-sum/ (https://leetcode.com/problems/split-
array-largest-sum/)

https://leetcode.com/problems/find-peak-element/ (https://leetcode.com/problems/find-peak-
element/)

https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/
(https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/)

https://leetcode.com/problems/longest-increasing-subsequence/
(https://leetcode.com/problems/longest-increasing-subsequence/)

https://leetcode.com/problems/maximum-nesting-depth-of-two-valid-parentheses-strings/
(https://leetcode.com/problems/maximum-nesting-depth-of-two-valid-parentheses-strings/)

https://leetcode.com/problems/max-sum-of-rectangle-no-larger-than-k/
(https://leetcode.com/problems/max-sum-of-rectangle-no-larger-than-k/)

https://leetcode.com/problems/minimum-size-subarray-sum/
(https://leetcode.com/problems/minimum-size-subarray-sum/)

https://leetcode.com/problems/search-a-2d-matrix/ (https://leetcode.com/problems/search-a-
2d-matrix/)

https://leetcode.com/problems/shortest-subarray-with-sum-at-least-k/
(https://leetcode.com/problems/shortest-subarray-with-sum-at-least-k/)

https://leetcode.com/problems/find-k-closest-elements/ (https://leetcode.com/problems/find-k-
closest-elements/)

https://leetcode.com/problems/median-of-two-sorted-arrays/
(https://leetcode.com/problems/median-of-two-sorted-arrays/)

https://leetcode.com/problems/maximum-subarray/ (https://leetcode.com/problems/maximum-
subarray/)

https://leetcode.com/problems/merge-k-sorted-lists/ (https://leetcode.com/problems/merge-k-
sorted-lists/)

https://leetcode.com/problems/beautiful-array/ (https://leetcode.com/problems/beautiful-array/)

https://leetcode.com/problems/count-of-smaller-numbers-after-self/
(https://leetcode.com/problems/count-of-smaller-numbers-after-self/)

https://leetcode.com/problems/different-ways-to-add-parentheses/ (https://leetcode.com/problems/different-ways-to-add-parentheses/)

https://leetcode.com/problems/kth-largest-element-in-an-array/ (https://leetcode.com/problems/kth-largest-element-in-an-array/)

https://leetcode.com/problems/search-a-2d-matrix-ii/ (https://leetcode.com/problems/search-a-2d-matrix-ii/)

https://leetcode.com/problems/k-closest-points-to-origin/ (https://leetcode.com/problems/k-closest-points-to-origin/)

https://codeforces.com/problemset/problem/1237/C2 (https://codeforces.com/problemset/problem/1237/C2)

https://codeforces.com/contest/888/problem/E (https://codeforces.com/contest/888/problem/E)

https://codeforces.com/contest/888/problem/E (https://codeforces.com/contest/888/problem/E)

https://codeforces.com/problemset/problem/1177/B (https://codeforces.com/problemset/problem/1177/B)

https://codeforces.com/problemset/problem/1111/C (https://codeforces.com/problemset/problem/1111/C)

https://codeforces.com/problemset/problem/862/D (https://codeforces.com/problemset/problem/862/D)

https://www.spoj.com/problems/AGGRCOW/ (https://www.spoj.com/problems/AGGRCOW/)

https://www.spoj.com/problems/BOOKS1/ (https://www.spoj.com/problems/BOOKS1/)

https://codingcompetitions.withgoogle.com/kickstart/round/000000000019ffc7/00000000001d3 (https://codingcompetitions.withgoogle.com/kickstart/round/000000000019ffc7/00000000001d3