Searching

@<https://www.geeksforgeeks.org/given-an-array-a-and-a-number-x-check-for-pair-in-a-with-sum-as-x/>

@<https://www.geeksforgeeks.org/searching-array-adjacent-differ-k/>

@<https://www.geeksforgeeks.org/find-position-element-sorted-array-infinite-numbers/>

<https://www.geeksforgeeks.org/maximum-subarray-sum-excluding-certain-elements/>

<https://www.geeksforgeeks.org/equilibrium-index-of-an-array/>

<https://www.geeksforgeeks.org/majority-element/>

<https://www.geeksforgeeks.org/check-for-majority-element-in-a-sorted-array/>

<https://www.geeksforgeeks.org/find-triplet-sum-two-equals-third-element/>

<https://www.geeksforgeeks.org/find-a-peak-in-a-given-array/>

[**https://www.geeksforgeeks.org/find-the-two-repeating-elements-in-a-given-array/**](https://www.geeksforgeeks.org/find-the-two-repeating-elements-in-a-given-array/)

[**https://www.geeksforgeeks.org/find-subarray-with-given-sum/**](https://www.geeksforgeeks.org/find-subarray-with-given-sum/)

<https://www.geeksforgeeks.org/smallest-difference-triplet-from-three-arrays/>

Array Rotation

@<https://www.geeksforgeeks.org/array-rotation/>

@<https://www.geeksforgeeks.org/program-for-array-rotation-continued-reversal-algorithm/>

<https://www.geeksforgeeks.org/search-an-element-in-a-sorted-and-pivoted-array/>

<https://www.geeksforgeeks.org/find-minimum-element-in-a-sorted-and-rotated-array/>

<https://www.geeksforgeeks.org/find-element-given-index-number-rotations/>

<https://www.geeksforgeeks.org/queries-left-right-circular-shift-array/>

<https://www.geeksforgeeks.org/find-maximum-value-of-sum-iarri-with-only-rotations-on-given-array-allowed/>

Array Rearrangement

@<https://www.geeksforgeeks.org/rearrange-array-arri-arrj-even-arri/>

<https://www.geeksforgeeks.org/rearrange-array-alternating-positive-negative-items-o1-extra-space/>

<https://www.geeksforgeeks.org/rearrange-positive-and-negative-numbers/>

<https://www.geeksforgeeks.org/minimum-swaps-required-bring-elements-less-equal-k-together/>

<https://www.geeksforgeeks.org/rearrange-array-arrj-becomes-arri-j/>

<https://www.geeksforgeeks.org/rearrange-array-maximum-minimum-form-set-2-o1-extra-space/>

<https://www.geeksforgeeks.org/given-an-array-of-numbers-arrange-the-numbers-to-form-the-biggest-number/>

Order Statistics

@<https://www.geeksforgeeks.org/kth-smallest-element-in-a-row-wise-and-column-wise-sorted-2d-array-set-1/>

<https://www.geeksforgeeks.org/find-the-first-missing-number/>

<https://www.geeksforgeeks.org/maximum-sum-such-that-no-two-elements-are-adjacent/>

<https://www.geeksforgeeks.org/kth-smallestlargest-element-unsorted-array-set-3-worst-case-linear-time/>

<https://www.geeksforgeeks.org/find-elements-array-least-two-greater-elements/>

<https://www.geeksforgeeks.org/median-of-stream-of-running-integers-using-stl/>

<https://www.geeksforgeeks.org/k-th-smallest-absolute-difference-two-elements-array/>

<https://www.geeksforgeeks.org/k-th-largest-sum-contiguous-subarray/>

Optimization

<https://www.geeksforgeeks.org/maximum-profit-by-buying-and-selling-a-share-at-most-k-times/>

<https://www.geeksforgeeks.org/minimize-the-maximum-difference-between-the-heights/>

<https://www.geeksforgeeks.org/minimum-number-of-jumps-to-reach-end-of-a-given-array/>

<https://www.geeksforgeeks.org/minimum-length-subarray-sum-greater-given-value/>

<https://www.geeksforgeeks.org/largest-sum-contiguous-subarray/>

<https://www.geeksforgeeks.org/maximum-difference-between-two-elements/>

<https://www.geeksforgeeks.org/find-the-minimum-distance-between-two-numbers/>

<https://www.geeksforgeeks.org/maximum-sum-increasing-subsequence-dp-14/>

<https://www.geeksforgeeks.org/find-minimum-number-of-merge-operations-to-make-an-array-palindrome/>

<https://www.geeksforgeeks.org/longest-span-sum-two-binary-arrays/>

Sorting

<https://www.geeksforgeeks.org/nearly-sorted-algorithm/>

<https://www.geeksforgeeks.org/sort-an-array-according-to-absolute-difference-with-given-value/>

<https://www.geeksforgeeks.org/sort-1-n-swapping-adjacent-elements/>

<https://www.geeksforgeeks.org/counting-inversions/>

<https://www.geeksforgeeks.org/minimum-number-swaps-required-sort-array/>

<https://www.geeksforgeeks.org/sort-an-array-of-0s-1s-and-2s/>

<https://www.geeksforgeeks.org/shortest-un-ordered-subarray/>

<https://www.geeksforgeeks.org/find-number-of-triangles-possible/>

<https://www.geeksforgeeks.org/count-pairs-difference-equal-k/>

<https://www.geeksforgeeks.org/merge-two-sorted-arrays-o1-extra-space/>

<https://www.geeksforgeeks.org/find-fixed-point-value-equal-index-given-array-duplicates-allowed/>

Binary Search

<https://www.interviewbit.com/problems/median-of-array/>