Basic:
1. Implement a Maxheap using arrays and recursion.
[Follow here: https://www.geeksforgeeks.org/max-heap-in-java/]
2. Implement a Minheap using arrays and recursion.
[Follow here: https://www.geeksforgeeks.org/min-heap-in-java/]
3. Sort an Array using a heap. (HeapSort)
[Follow here: https://www.geeksforgeeks.org/cpp-program-for-heap-sort/]
4. Maximum of all subarrays of size k.

[Follow here: https://www.geeksforgeeks.org/sliding-window-maximum-maximum-of-all-subarrays-of-size-k/]

Intermediate:

1. • Heap Sort
   [Follow here: https://www.geeksforgeeks.org/heap-sort/]
2. • “k” largest element in an array
   [Practice here: https://practice.geeksforgeeks.org/problems/k-largest-elements/0]
3. • Kth smallest and largest element in an unsorted array
   [Practice here: https://practice.geeksforgeeks.org/problems/kth-smallest-element/0]
4. • Check if a Binary Tree is Heap
   [Practice here: https://practice.geeksforgeeks.org/problems/is-binary-tree-heap/1]
5. • Connect “n” ropes with minimum cost
   [Practice here: https://practice.geeksforgeeks.org/problems/minimum-cost-of-ropes/0]
6. • Merge “K” sorted arrays.
   [Practice here: https://practice.geeksforgeeks.org/problems/merge-k-sorted-arrays/1]
7. • Largest Derangement of a Sequence
   [Practice here: https://www.geeksforgeeks.org/largest-derangement-sequence/]
8. • Maximum distinct elements after removing “k” elements

   [Practice here: https://practice.geeksforgeeks.org/problems/maximum-distinct-elements-after-
9. removing-k-elements/0]

10. • Median in a stream of Running Integers
    [Practice here: https://practice.geeksforgeeks.org/problems/find-median-in-a-stream/0]
11. • Largest Triplet Product in a stream
    [Practice here: https://www.geeksforgeeks.org/largest-triplet-product-stream/]
12. • Convert BST to Min Heap
    [Practice here: https://www.geeksforgeeks.org/convert-bst-min-heap/]

13. • Merge 2 Binary Max Heaps
    [Practice here: https://practice.geeksforgeeks.org/problems/merge-two-binary-max-heap/0]
14. • Kth largest sum continuous subarrays
    [Practice here: https://www.geeksforgeeks.org/k-th-largest-sum-contiguous-subarray/]
15. • Convert min heap to max heap
    [Practice here: https://www.geeksforgeeks.org/convert-min-heap-to-max-heap/]
16. • Why is Binary Heap is preferred over BST for Priority Queue ?
    [Answer: https://www.geeksforgeeks.org/why-is-binary-heap-preferred-over-bst-for-priority-queue/]
17. • Given Level order traversal of a Binary Tree, check if the tree is
    Min heap.

    [Follow here: https://www.geeksforgeeks.org/given-level-order-traversal-binary-tree-check-tree-min-heap/]

18. • Rearrange characters in a string such that no two adjacent are same.
    [Practice here: https://practice.geeksforgeeks.org/problems/rearrange-characters/0]
19. • Minimum sum of two numbers formed from digits of an array
    [Practice here: https://practice.geeksforgeeks.org/problems/min-sum-formed-by-digits/0]
20. • Leetcode- reorganize strings
    [Practice here: https://leetcode.com/problems/reorganize-string/]
21. • Merge “K” Sorted Linked Lists
    [Practice here: https://practice.geeksforgeeks.org/problems/merge-k-sorted-linked-lists/1]
22. • Smallest range in “K” Lists

    [Practice here: https://practice.geeksforgeeks.org/problems/find-smallest-range-containing-elements-from-k-lists/1]