Class Example :

SORTING :

Question 1 - Bubble Sort
Question 2 - Selection Sort
Question 3 - Insertion Sort

Binary Search :

Question 4 - Binary Search
Question 5 - FInding First or Last Duplicate
Question 6 -   Finding Square Root

Practice Problem :

SORTING :

Sort elements by frequency :
https://www.geeksforgeeks.org/sort-elements-by-frequency/
Sort an array in wave form :
https://www.geeksforgeeks.org/sort-array-wave-form-2/
Check if any two intervals overlap among a given set of intervals :
https://www.geeksforgeeks.org/check-if-any-two-intervals-overlap-among-a-given-set-of-intervals/
How to sort an array of dates in C/C++ :
https://www.geeksforgeeks.org/how-to-sort-an-array-of-dates-in-cc/
Sorting Strings using Bubble Sort :
https://www.geeksforgeeks.org/sorting-strings-using-bubble-sort-2/
Find missing elements of a range :
https://www.geeksforgeeks.org/find-missing-elements-of-a-range/
Sort even-placed elements in increasing and odd-placed in decreasing order :
https://www.geeksforgeeks.org/sort-even-placed-elements-increasing-odd-placed-decreasing-order/
Sort a Matrix in all way increasing order :
https://www.geeksforgeeks.org/sort-matrix-way-increasing-order/
Ternary Search :
https://www.geeksforgeeks.org/ternary-search/

Binary Search :

Count 1's in a sorted binary array :

https://www.geeksforgeeks.org/count-1s-sorted-binary-array/

Kth smallest element in 2D array :

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

Search an element in a sorted and rotated Array :

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

Find the Minimum element in a Sorted and Rotated Array :

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

Find the closest pair from two sorted arrays :

https://www.geeksforgeeks.org/given-two-sorted-arrays-number-x-find-pair-whose-sum-closest-x/