

Algorithm coded and time complexity studied:

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- Bubble sort
- Insertion sort
- Selection sort
- Merge sort
- Heap sort
- Quick sort
- counting sort

STL uses and functions read from gfg:

- vector
- unordered_map
- stack
- queue
- algorithm
- map
- set
- unordered_set
- priority_queue

Hashing theory
Space and time complexity

Questions solved:

- Organizing Containers of Balls
- Taum and B'day
- Angry Professor
- Find Digits
- ACM ICPC Team
- Modified Kaprekar Numbers
- Circular Array Rotation
- Running Time of Algorithms
- The Full Counting Sort
- Counting Sort 2
- Designer PDF Viewer
- Counting Valleys
- Diagonal Difference
- Quicksort 1 - Partition
- Non-Divisible Subset
- Climbing the Leaderboard
- Save the Prisoner!
- Merge Sort: Counting Inversions
- Ice Cream Parlor
- Forming a Magic Square
- Sorting: Bubble Sort
- Closest Numbers
- Insertion Sort - Part 2
- Median Game

Noor and his pond
Specialty of a sequence
Raghu Vs Sayan
Chandu and chandni's secret chat
Cube Change
Old keypad in a foreign land
Scoring in Exam
Number of overtakes
Sam Height <HSBC>