

1. Introduction to Sorting
 - a. Bubble Sort [Comparison based]
 - b. Insertion Sort [Comparison based]
 - c. Merge Sort
 - d. Quick Sort
2. Bubble Sort Part 1 [Theory]
3. Bubble Sort Part 2 [Implementation]
4. Insertion Sort Part 1 [Theory]
5. Insertion Sort Part 2 [Implementation]
6. Sieve Complexity : How many prime numbers and what are they if the number is input, N.

Complexity : $O(n \log n)$, [Because of, harmonic series: 1st loop n times, and nested loop iterate conditioning on doing multiply]