

Algorithms and Data Structures - 3

Sorting.

Plan

- Sorting problem
- Bubble sort
- Insertion sort
- Selection sort
- Merge sort
- Counting sort
- Quick sort

Sorting problem

- definition
- stable sorting

Bubble sort

- <https://www.geeksforgeeks.org/bubble-sort/>

Insertion sort

- <https://www.geeksforgeeks.org/insertion-sort/>

Selection sort

- <https://www.geeksforgeeks.org/selection-sort/>

Merge sort

- <https://www.geeksforgeeks.org/merge-sort/>

Counting sort

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

Quick sort

- <https://www.geeksforgeeks.org/quick-sort/>