

---

COMP 3711    Fall 2021

# Design & Analysis of Algorithms

Written By: Ljm

---

## Topic 4      **Sorting Algorithms**

*Notice:* Insertion sort, merge sort and quick sort have been covered in Topic 01, 02, 03 separately, we will not cover them in this note.

- 1    Selection Sort**
- 2    Bubble Sort**
- 3    Heap Sort**
- 4    Lower Bound for Comparison Sorts**
- 5    Counting Sort**
- 6    Radix Sort**