

## **Lab Assignment 6**

### **Sorting Algorithms**

1. Write a program to implement following sorting techniques:

- a. Selection Sort
- b. Insertion Sort
- c. Bubble Sort
- d. Merge Sort
- e. Quick Sort
- f. Counting Sort

2. A slightly improved selection sort.

<https://www.geeksforgeeks.org/sorting-algorithm-slightly-improves-selection-sort/?ref=rp>