Practice Session_III

ECE 3060 Data Structure and Algorithms

I Semester 2023-2024

Instructions: 1.

1. Solution to the assignment should be a .c program and submitted on Moodle (LMS).

2. Name the solution file as .c. For instance if your roll number is 2019-MIIT-ECE-001, the name of your file should be 2019-MIIT-ECE-001-no1.c. Upload only the main program, which should have the solution for the problem statement given in this assignment.

No1. Show the steps taken by each sort (Bubble, Insertion and Selection) on the following unordered list of integers (duplicate items are denoted with letters):

(a) 2 1 8 4A 6 7 9 4B

(b) 3 5 8 4 1 9 -2

(c) 54 26 93 17 77 31 44 55 20

(d) K Y S D M E

(e) Z Y M O K W E A