Data Structure Assignment 4 – Sorting

Please implement the following two sorting algorithms in ascending order:

1. Selection sort

2. Merge sort

There are five lines in the input file "input.txt". Each line contains no more than 5000 integers. Please read the input file and output the sorted data in the output files "output1.txt" and "output2.txt", respectively.

Pack up the files below, and name it as

"**studentID_studentName.rar**"

1. One source code files (filename: studentID.c)

2. One simple report (filename: studentID.pdf)

3. Two output files (filename: output1.txt, output2.txt)

Deadline: Dec. 26 12:00 p.m.

NOTE:

1. The report must include the programming language, programming environment(i.e. IDE) and the version of the complier. Besides, you can add anything you want to share, such as the problems you encountered.

2. Please add some comments in your program.

Warning: You are encouraged to discuss homework assignments with each other.   However, you are individually responsible for the homework assignments. You are NOT allowed to copy assignment from each other, or you will not get any point.