

ELEG 1043
Computer Applications in Engineering
Fall 2018 –Team Project

Project: Building the software with specific functions, namely, **Calculator**, and **Sorter**.

- Subtask 1: **Building a Calculator**
 - Implementing **Addition, Subtraction, Multiplication, and Division** between two numbers
 - Processing at least two types of data, for example, **integer** number and **double** number
 - Testing the **Calculator**
- Subtask 2: **Building a Sorter**
 - Implementing a sorter that can rank a sequence of numbers in a decent order.
 - Processing at least two types of data, for example, **the integer** sequence and the **double** sequence
 - Testing the **Sorter**

Requirements:

- Making a presentation to explain the details on the project
 - 2 ~ 3 team members have to present their work (or contributions) on this project
 - Presenting the details with slides (.ppt files)
- Writing a summary and submitting the summary
 - Subtask description and contributions of each team member
 - Challenges
 - How to solve the challenges
- Submitting the source codes made by C++
 - The codes must be error-free and can display the correct results.

Due: 11/23/2018