Due date: Mar 15, 11:59 PM

ET580, Project 1 Requirement

Submission Requirement:

1. Write one project description report, and explain what you did, and how should I use your program. Give explanation to each function and class clearly. Write explanation to each part of the requirement in the report.
(No points will be given for missing any of these component, you must write the implementation and usage of any component)

2. Upload all project files to your designated project folder which includes the report.txt file which can be read directly from designated GitHub website.

Test the final submission with the following commands to make sure it works:
make; ./prog; make clean

3. Each student will attend an individual interview to discuss all aspects of the project and related concepts discussed in class. Project credit will be earned if and only if the student passes the interview.

4. Submissions are eligible for credit if and only if the following is true:

a. The project must compile and run. Block comment non-working code.

b. Code is limited to the concepts and commands discussed in class.

c. Functions implement provided steps and algorithms without deviation.

Following requirements are only true for group project.

d. Each student has a significant commit history with clear messages.

e. Each student's contribution is documented in documentation.txt

f. Each function in a .cpp file has a comment identifying the author and editors.

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Project 1 consists of three phases, with implementation details provided in each individual file.

Phase 1: Choose the Class to Implement (Until February 25, 2025)

Students must send me an email to choose which class they will work on. I will then provide additional details about the project. A score of 0 will be given if no choice is made by February 25, 2025.

Each student should pick one of following classes to implement.

Number: Whole Number, Complex Number, Prime number, Fibonacci number, Float number

Maximum 5 students can work on each class.

The class detail is provided in a extra file for each class.

Phase 2: Implement the program based on the project description
All the implementation and project report should be uploaded to Github until Mar 15 2025.

Phase 3: Attend projet interview. (Interview date will be announce in bright space and class)