Due date: May 12, 11:59 PM

Project 3

Submission Requirement:

1. This is team project, and each team need

2. Store all project files in a Project_3 folder which includes the p2_report.txt file.

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

3. 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's contribution is documented in documentation.txt

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

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

4. Each student will attend a team 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.

5. Fill in project report, and explain what each member did, and what is the main problem or incomplete part.
(No points will be given for missing any of these component, clearly state who contribute to which part of the project, and each member grade will be determined based on the project report)

6. This project can be implemented in many ways, and I will grade based on three different scale, Completeness, Correctness, and Creativity. There should no two students have exact same answer, and you will get 0 if there are any students have exact same answer regardless who copy whom.

Implementation Requirements

1. Pass objects to functions by *reference*.

2. Pass data to functions by *constant reference* unless the data will be modified.

3. *Assertions* should be used to test and validate function parameter values.

Due date: May 12, 11:59 PM

4. *Cout/Cin* commands are limited to console interaction functions, such as print.

5. Recall that static functions are called with a *classname::* prefix.

Project 2 consists of three phases, with implementation details provided in each individual file.

Team

1. There will be five teams in this class, and each team should have one team leader responsible for managing the entire team. You could volunteer to be a team leader after discuss with your team members. The team leader is responsible for submitting the final report and overseeing the project's progress. Additionally, the team leader will receive an extra 20% of the project points.

2. Each team can have a maximum of four members, and I have assigned teams based on Project 1. If you are not part of a team, please contact me so I can add you to a team with an available spot.

Team 1 (Complex Team):

Acosta,Esmeralda	foreverkiss613@outlook.com
Dilmohamed,Arif	arif.dilmohamed00@student.qcc.cuny.edu
Fahim,Farhan Mohsin	farhan.fahim29@student.qcc.cuny.edu
Salerno,Dominic Antonio	dominic.salerno18@student.qcc.cuny.edu

Team 2 (Float team):

Dong,Eason	eason.dong83@student.qcc.cuny.edu
Jain,Soshi Vusion	soshi.jain96@student.qcc.cuny.edu
James Jr,Obed E	obedjames26@gmail.com
Stanislaus,Lauryn Mila	auryn.stanislaus25@student.qcc.cuny.edu

Team 3 (Prime team):

Dugar,Ongshi	ongshi.dugar35@student.qcc.cuny.edu
Sarker,Redoy	redoy.sarker69@student.qcc.cuny.edu
Shrestha,Rohan	rohan.shrestha59@student.qcc.cuny.edu
Karki,Biwash	biwash.karki32@student.qcc.cuny.edu

Team 4 (Whole team)

Ford I,Alexis Lasanya	alexis.ford53@student.qcc.cuny.edu
Mahmood,Haseeb	haseeb.mahmood75@student.qcc.cuny.edu
Pervez,Azan Naseem	azan.pervez77@student.qcc.cuny.edu
One more spot	

Team 5 (Fibonacci team)

Kim,Daniel	daniel.kim167@student.qcc.cuny.edu
Nayyar,Royam Ali	royam.nayyar14@student.qcc.cuny.edu
Promskiy,Alexander	promskiyalexander1370@gmail.com
Bryan Martinez	BRYAN.MARTINEZ27@student.qcc.cuny.edu

Due date: May 12, 11:59 PM

3. The student do not have team until the end of phase 1 will be assigned 0.

4. The final submission will be made through GitHub. Each team should already have a GitHub repository created from Project 1, which we will continue to use.

5. Submit answers for each phase through Brightspace. The team leader is responsible for submitting the answers for each phase.

6. Project 3 consists of three phases, with detailed requirements for each phase outlined in separate files. These files will also be uploaded to the GitHub repository.