CSE 20312 Data Structures
Spring 2017

Lab handout for weeks of March 6 (Lab #6)
Due 30 minutes before your next lab after break (week of 3/20), no exceptions!

Objectives

- Develop a plan and initial deliverables for your final project with help of the TAs
- Start to work on your project and identify areas for further study/development

In-lab activities

1. (1 point) Report to lab on time. Attendance will be taken at the scheduled lab time

2. This week will be open-ended by design: I want to provide you the opportunity to learn OOP/C++/Python/DS through your projects.

3. Today you are required to develop and deposit “milestones.txt” into your drop box before leaving lab. This, in short, will be a simple initial set of requirements that you can reflect on for Part 3 of the actual rubric (see Piazza). Please generate a rubric for 40 points with weighting of your choice.

4. Relatedly, it is normal if you have difficulty with accurately weighting tasks or determining what is easy or hard. The important aspect of this thought experiment, historically, is as a highly efficient exercise to help you and your groups prioritize what is needed and get started as a team.

5. You are welcome to collaborate with your group but you must:
   a. Put in time for which committing to doing SDL tutorials counts.
   b. At least one compliable task following the tutorials must be assigned and committed by each member of the group.
   c. You must all use the same Git/Bitbucket repository. If need help with Git/Bitbucket for group development, please ask a TA for help.

6. Discuss your proposed plan to TAs before leaving lab for participation credit. If this was completed prior to lab you can leave lab early if you also can demonstrate a successful commit to a prior Git/Bitbucket repo.

Preparing for the grading rubric

In addition to your normal report, we will request the following for grading (see Piazza for official rubric):

1. A time log of what you worked on for the project, which will be included in your final report to Prof. Emrich. We expect roughly >= 4 hrs of work outside of lab.
2. Evidence of a repository and code that you have checked in that matches at least one of your assigned task(s).

3. A rubric/plan that continues your development effort. If you decide to move a task from in-lab to a “next step”, please detail in your report why and how we might be able to help overcome technical issues. Examples include but are not limited to “task much more challenging than expected” and an attempt to explain why. This rubric/plan is solely for planning and feedback purposes.

**Handing it in**

We will require a longer report.txt this week (see above and the rubric). If you have any questions about this lab, please use Piazza.