Homework 0

Assigned: 8/23

Due: 8/31, 11:59pm

Possible Points: 1

Submit on Canvas a zip file containing your solution code for each problem (just the cpp files, please don't submit the solution/project files), turn in one .cpp file for each problem. If a problem has multiple parts, it should still be one file. Each problem specifies what you should title the file containing your solution. Incorrectly named programs will not be graded and thus will get 0 points for the problem.

Since the assignment will be graded using an automated grading system you should have your program's output match the sample output shown. If your program fails to compile using Visual Studio 2017 it will receive zero points. If your program compiles but fails to run properly (runtime errors, wrong output, or memory leak) points will be deducted based on how correct the program is.

If you have any questions or concerns about the assignment do not hesitate to post on the discussion board on canvas, send us mail on canvas, or see us after class or during office hours.

Students are expected to write their source code from scratch, those who copy code from each other or online (including from Canvas examples) will be reported for cheating. We will also look at your code so definitely don't just hard-code the answer and print it.

1. Academic Misconduct Form: 1 point

File: `misconduct.pdf`

Get the SoC Academic Misconduct Form and fill it out. You can fill it digitally or print, fill out and scan, whichever is easiest. Name your filled out file misconduct.pdf (shown as the file for this problem) and zip it. **Do not** zip and folders or place the file in a folder and zip the folder, just create a zip file with the folder. If you're unfamiliar how to create a zip file here's information for Windows and OS X. Finally, you can submit your zipped file on Canvas. To make sure it's been created and submitted properly, download and unzip the file yourself and make sure that just your signed PDF is in the zip file, no folders or other files.

2. Get Visual Studio Community 2017 Setup

This problem is ungraded but you should go through setting up Visual Studio, creating a new project and adding source code to it (you can just copy in the code from day 1), following along the slides from day 1. Then try running it and setting a breakpoint at the end of the program by clicking in the side strip to the left of the `return 0` line. The guide linked has an example and more information, don't worry about breakpoints beyond function breakpoints in source code as we won't need more than that to debug our programs.

If you're on an OS X or Linux machine you can install a virtual machine to run Windows inside that you can run Visual Studio within, or use the CADE labs. For a virtual machine you can use Virtual Box and install a copy of Windows inside.