Welcome to CS7B! This assignment is designed to help you get your development environment set up and running so that you can compile, run, and debug programs. There isn't any actual programming involved, and I hope that this doesn't take you too much time to complete. This assignment must be completed individually.

Due Wednesday, February 4 by the start of lecture.
Working in groups is not permitted

1. Download and Install Visual Studio 2017 on a computer to which you have access. Your first task is to download and install VS 2017, the development environment that we'll be using in CS7B this quarter. To do so, click the "Setting Visual Studio 2017" link under the "resources" section on the CS7B website (http://geofhagopian.net/CS007B/cs7b-S19/CS7B-S19Resources.html) follow the instructions there.

   If you run into trouble installing VS 2017, don't panic! Get with a classmate or me and work through the trouble.

   When you've either accomplished this or had troubles, please respond to this exercise with a paragraph or two describing your experience. If it was smooth, you can simply write, "Systems go!," or words to that effect. If you're hung up, report what happened, so far...in brief.

2. Download the NameHash.cpp program.

   Now that you've got VS 2017 set up and ready to go (or you have ready access to a location where it is set up), you can start compiling and running C++ programs with VS 2017!

   To help you get some practice importing and building projects, go to the CS7B website and download the starter files for Assignment 0 and open them in VS 2017.

3. Hash your name!

   Compile and run the NameHash.cpp program. It will ask you to enter your (preferred) first and last names. When you do, it will give back a hash code, a special number associated with your name. You can think of your hash code as a "fingerprint" associated with your name (through the peculiar lens of this hashing function) that's *unlikely* to be the same as anyone else's fingerprint. Write this number down; you'll need it to complete the assignment!

4. Use the Debugger!

   Go to the CS7B calendar (week 1), find the link for "Debugger Tutorial." This tutorial will walk you through how to use the debugger to run the program you just downloaded one step at a time. Follow the instructions in that guide. At some point, you'll be asked to write down a number. Write this number down; you'll need it to complete the assignment!