Assignment 0: Welcome to CS106B!
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Welcome to CS106B! 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 we hope that this doesn't take you too much time to complete.

This assignment must be completed individually. Working in groups is not permitted.

Due Friday, January 13 at the start of lecture.

Step One: Download and Install Qt Creator

Your first task is to download and install Qt Creator, the development environment that we'll be using in CS106B this quarter. To do so, click the "Setting Up Qt Creator" link under the "resources" section on the CS106B website (http://cs106b.stanford.edu) and follow the instructions there.

If you run into trouble installing Qt Creator, don't panic! We'll be holding a special set of LaIR hours on Thursday specifically to help with Qt Creator issues.

Step Two: Download the Name Hasher

Now that you've got Qt Creator set up and ready to go, you can start compiling and running C++ programs! To help you get some practice importing and building projects, go to the CS106B website and download the starter files for Assignment 0 and open them in Qt Creator.

Step Three: Hash Your Name!

Compile and run the program you've just downloaded. 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 that's unlikely to be the same as anyone else's fingerprint. ***Write this number down***; you'll need it to complete the assignment!

Step Four: Use the Debugger!

Go to the CS106B website, find the section with materials for the first assignment, then click "Debugger Tutorial." This tutorial will walk you through how to use the debugger to run 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!

Step Five: Read about the Honor Code

You are required to read the handout on the Stanford Honor Code on the CS106B website before submitting assignments in this class. Take a minute to read over it before proceeding to the final step.

Step Six: Submit Everything!

Once you've finished everything, fill out the form at the following URL:

https://goo.gl/forms/ixlbZ5NM8pu0q7W33

This form will ask for the numbers from Step Three and Step Four, along with some questions about the Honor Code, who you are and why you're so great. And that's it! You're done!