

## Problem Set 0

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Welcome to CS103! This assignment is designed to help you get your development environment set up so that you can compile, run, and debug C++ programs. There isn't any actual programming or involved. It's mostly a way for us to ensure everyone has a working development environment before the first major problem set goes out on Friday and that everyone knows how to submit on GradeScope.

**This assignment must be completed individually. Working in pairs is not permitted.  
Due Friday, September 18<sup>th</sup> at 12:00PM Pacific. No late submissions accepted.**

### Step One: Sign Up for GradeScope and EdStem

All assignment submissions in this course will be done through GradeScope. Check out the “Problem Set Policies” handout for details about how to submit work online. *Please register on GradeScope using your @stanford.edu email address.*

EdStem is our Q&A forum for the quarter. Use the link <https://us.edstem.org/join/A7hzCn> to join.

### Step Two: Read About the Honor Code

You are required to read the handout on the Stanford Honor Code (Handout 03) before submitting assignments in this class. Take a minute to read over it before proceeding to the next steps.

### Step Three: Download and Install Qt Creator

Your first task is to download and install Qt Creator, the development environment that we'll be using in CS103 this quarter. To do so, visit [cs106b.stanford.edu/qt](https://cs106b.stanford.edu/qt) and follow the instructions there. If you run into trouble installing Qt Creator, don't panic! There's a large troubleshooting guide available through the Qt Creator link, and if that fails, feel free to ask for help on EdStem or in office hours.

The instructions for installing Qt Creator are the same here as they are for CS106B/X. If you've taken CS106B/X within the past year, you should be able to use the install you already have set up. If you've taken CS106B/X longer ago than that, you should follow the instructions to get the newest version.

### Step Four: Download the Starter Files

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 CS103 website and download the starter files for Problem Set 0 and open them in Qt Creator.

### Step Five: Answer Some Questions

The program that you've just downloaded contains a quiz on the Stanford Honor Code as it applies in CS103, plus some other questions to help get set up logistically. Answer all the quiz questions, enter your @stanford.edu email address, and the program will automatically generate a completion code in the file `res/code.txt`.

### Step Six: Submit Everything!

Once you've finished everything else, submit the file `res/code.txt` on GradeScope for Problem Set Zero. If you've done everything correctly, you should earn a score of 5/5.

And that's it! You're done!