

Problem Set 0

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 (in particular, it is useful to know that submitting to Gradescope can take a little time, and that that time increases significantly the more individual problems there are, so don't leave your pset submissions to the last minutes before the deadline).

**This assignment must be completed individually. Working in pairs is not permitted.
Due Friday, January 11th at 2:30PM. No late submissions accepted.**

Step One: Make sure you are signed up for GradeScope

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 email address.* If you are enrolled in the course in Axess, you should be automatically added to Gradescope for our class, but new enrollees please note it might take 24 hours.

Step Two: Read About the Honor Code

You are required to read the handout on the Stanford Honor Code on the CS103 website 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 the website (<http://cs103.stanford.edu>) and click the "Qt Creator" link under the "Tools" tab (top navigation bar) and follow the instructions there. If you run into trouble installing Qt Creator, don't panic! There's a remarkably comprehensive troubleshooting guide available (see link under the same "Tools" tab), and if that fails, feel free to ask for help on Piazza 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: Draw Some Stars!

The program that you've just downloaded is all about drawing stars with more than five points. Compile and run the program (you don't need to write any code.) Work through the exercises in the program, which will guide you through a quick tour of star-drawing. Once you've finished, it will quiz you on the Stanford Honor Code as it applies in CS103, and finally will produce an code for you to submit on GradeScope.

Step Six: Submit Everything!

Once you've gotten your code, copy and paste it into `res/code.txt` in the "Other Files" folder and submit that file on GradeScope. And that's it! You're done!