



These notes apply to all challenge problems in this course sequence.

The "challenge problems" in this course sequence are special quiz items that use Coursera's code embed widgets to let you write code and execute it directly in the browser window. The actual compilation and execution of your code happens on Coursera's server. This is different from the "projects" in this course sequence, as the projects will have you download source files and work on them outside of Coursera.

Here are some things to keep in mind as you attempt the challenge problems:

Using the Code Embed Interface

The code embed presents you with some starter code when you begin. You should study it and read the code comments. The code that you see is only a portion of all the code that will be compiled. There is other hidden code that will be attached to yours when it is run or graded. We have left comments in most cases indicating what assumptions you can make about includes and other details. This is all done in order to simplify the amount of code that needs to be written in the box, and also to hide specific details that would spoil the problem.

If you press "Reset" on the code embed widget, it will replace whatever is in the text editor with the most recent version of the provided starter code. This will erase whatever code you have already typed in yourself and overwrite it with the starter code.

You may wish to copy the code you write in the code embed widget and save it on your own computer in a text file. This is for your own reference and as a backup in case your submission is not retained in the system after you reattempt the problem or press "Reset" on the code embed widget.

When you click "Run," the code embed will compile and execute your code using the `main()` function that you see defined in the code embed itself. This is just for your personal testing before you submit for a grade. The `main()` function is usually an optional component for you to write if you wish to test, but read the instructions on each challenge problem to see what you are asked to do.

When you click "Submit," your code will be executed on the server and automatically graded. This does not use the same `main()` function that you see defined in the code embed. It will only use the parts of the code that you are specifically asked to implement, and other code you have written will be ignored.

We have heard reports that with some screen readers the code embed widgets will behave