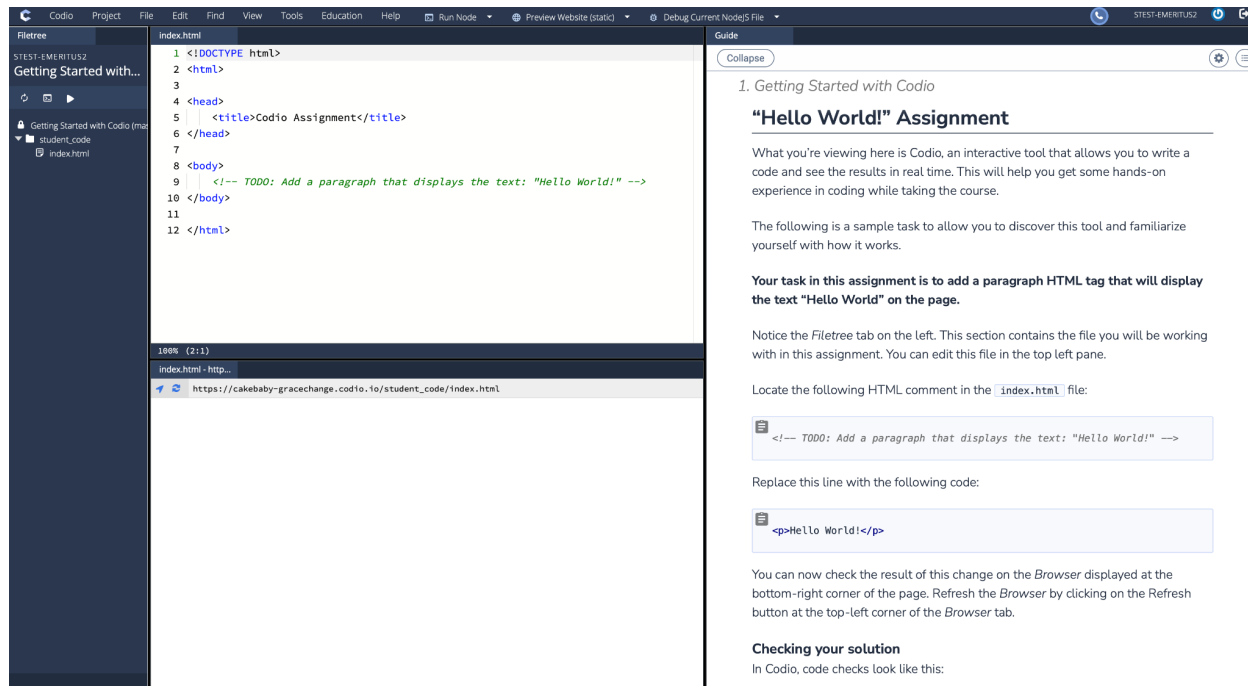# Getting Started With Codio

Codio is a browser-based coding environment that automatically grades your assignments and provides feedback. In this program, many of your coding assignments will be graded via Codio.

When you open the "Getting Started with Codio" assignment, you should see something like this:
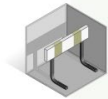

Let's take a closer look.

The leftmost side tab is the file tree. All of the code you write will be in files in the student_code folder here.

The upper left tab is where you will edit your code. In this assignment, you are editing index.html. In some assignments, you can click on files in the file tree to open them in the editor. All edits you make are saved automatically.

The lower left tab below the editor is the browser. This provides a preview of the changes you make in the file. Use the Refresh button to refresh the page or use the arrow button to open the current preview in a new tab on your computer.

The Guide tab on the right side is where you will find the instructions and important information for the assignment. Here you will find the code tasks you must complete to finish the assignment.

Every code task in Codio can be run multiple times without penalty. Scrolling down in the guide, you will find a code check for this assignment:
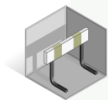

Selecting the blue "Check It!" button will run the code test. If it fails, you will see a red X followed by error text:

Depending on the type of test, the output may show test cases you missed or console output from running a failed test. Some of the code tests use pattern matching or find specific names in your documents. Mistakes such as misspelled words or the wrong data type can cause problems here, so be on the lookout.

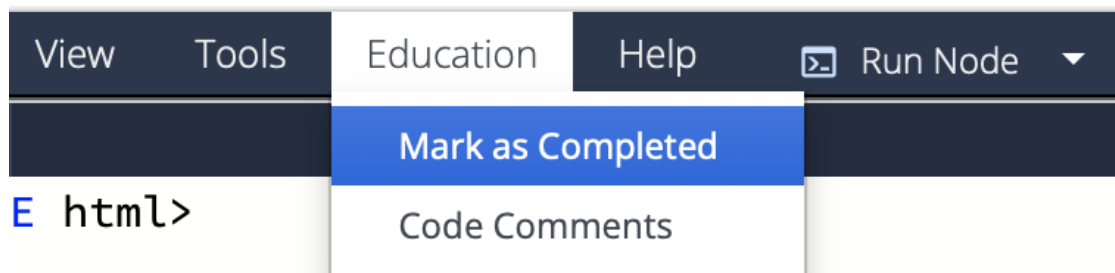If you pass the test, you will see a green check mark and sometimes console output (which you can ignore):

An assignment may have multiple code checks. Each code check in an assignment is worth the same amount, so completing two of three code checks will give you a 67% on the assignment.

Some assignments have multiple pages of instructions. For these, you can navigate between pages using the toolbar above the Guide tab.

When you have completed all the code tests and have received green check marks on all of them, you are ready to submit the assignment. This can be done by selecting the "Mark as Completed" button at the bottom of the final guide page:

You can also submit the assignment from the page toolbar by selecting Education > Mark as Completed, as shown below:

Once you mark your assignment as completed, the grade will be recorded and marked in Canvas.

If you have any trouble using Codio, contact your learning facilitator for help.