

## Codio Student Guide

### Getting Started in Codio

Codio is a cloud-based learning environment that will provide you with an opportunity to gain hands-on experience in cloud computing. Be sure to review the module resources and activities in your course, which explain what this resource contains and how you will use it to accomplish your goals.

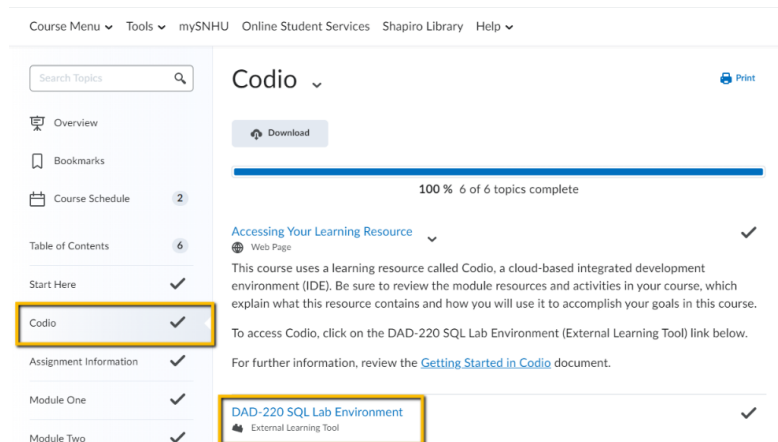
### Best Practices

- Access Codio using the **Google Chrome** web browser for optimized performance.
- All final coursework should be submitted in your Brightspace course.
- It is important that you **always save your work to a cloud-based drive** such as OneDrive when using the Codio virtual machine.
- Use **OneDrive** to save, transfer, and submit files to Brightspace.
- A **Codio virtual machine** will take two to four minutes to load on the initial attempt. All consecutive attempts will load instantly.
- Refer to the **IT Service Desk** (in the **Help** menu of your course) for knowledge base articles that will help you navigate Codio and OneDrive.

### Accessing Codio

You will access Codio either through a specific Codio area of the course or the assignments in Brightspace.

1. In some cases, there will be a **dedicated Codio area** of your Brightspace course with a Codio **External Learning Tool** link. This is also a Codio access link. To complete your work, click the link and follow the instructions in Codio and in your Brightspace course module. You should continue to navigate back to that link throughout the course when directed to use Codio.



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Web Page

This course uses a learning resource called Codio, a cloud-based integrated development environment (IDE). Be sure to review the module resources and activities in your course, which explain what this resource contains and how you will use it to accomplish your goals in this course.

To access Codio, click on the DAD-220 SQL Lab Environment (External Learning Tool) link below.

For further information, review the [Getting Started in Codio](#) document.

**DAD-220 SQL Lab Environment** ✓  
External Learning Tool

2. If your course doesn't have a dedicated Codio area, you'll access the platform from the various learning modules throughout the course. Click the Codio assignment title (labeled **External Learning Tool**) to be redirected to the specific assignment in Codio. You will automatically be enrolled under your student account. Note that the example shown in the screenshot is not specific to your course.



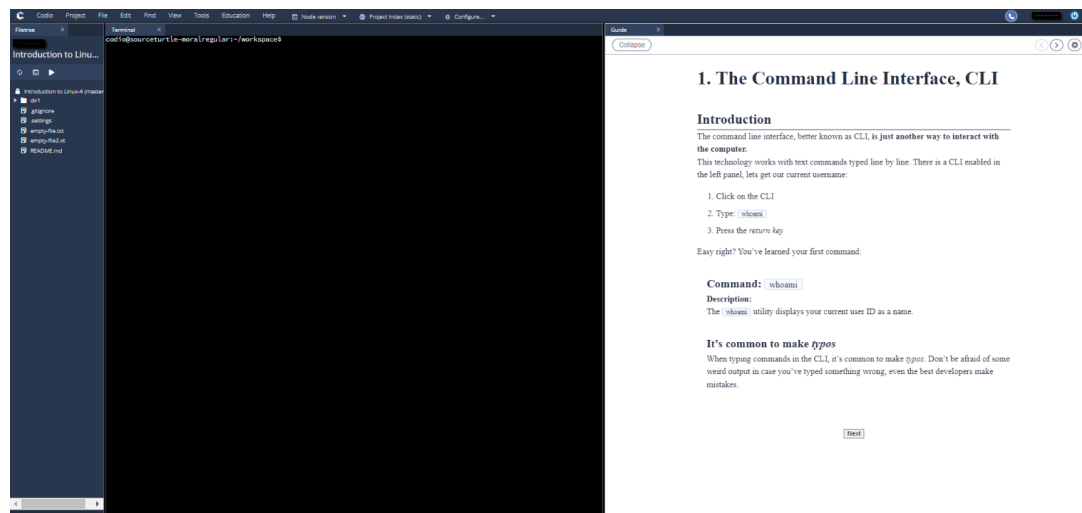
In this lesson, you will be creating a basic web development directory structure.

As you complete the challenges within this lesson, you will practice the skills related to creating a file structure in Linux. Showing the process of how to develop a Linux file structure will also demonstrate your skills as you develop the final project. There are three points that can be earned to receive a 100% grade on this lesson:

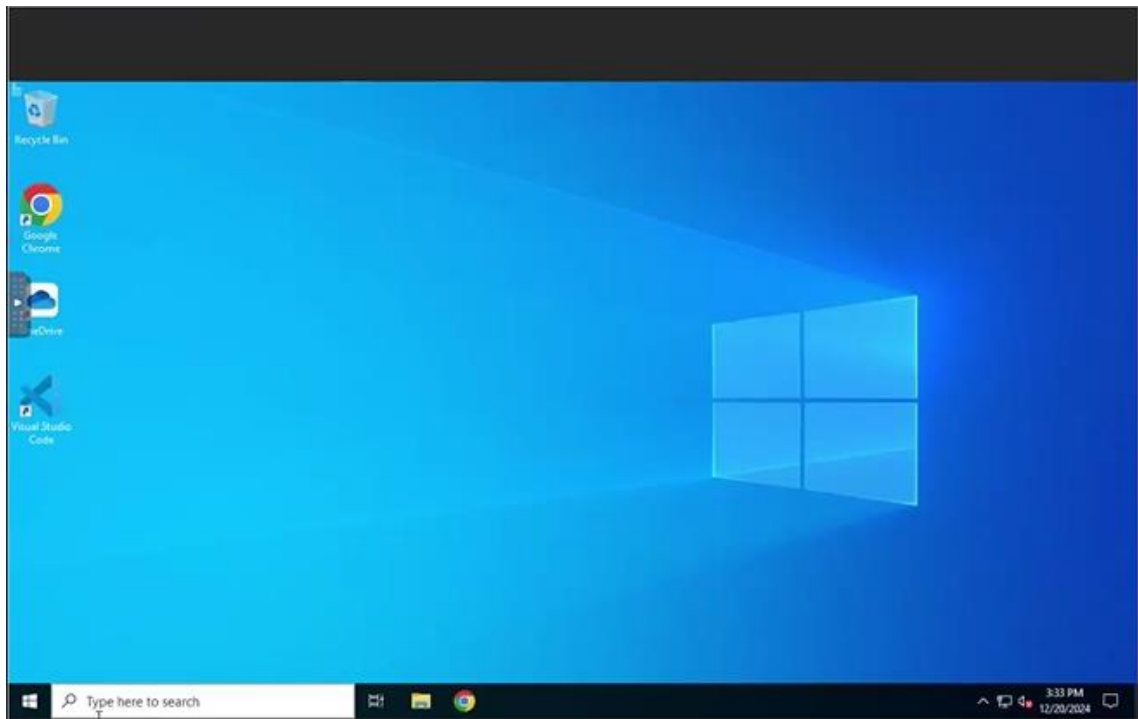
Codio Challenge	Points Per Challenge
1.2 Make directories	1
2.5 Children files	1
3.5 Removing files	1

The estimated time to complete this lab is 30–45 minutes.

3. Follow the instructions in Codio and in your Brightspace course module to complete your work.
  - a. Some courses use Codio as an integrated development environment (IDE). An example of the Codio IDE with terminal and guide are displayed below.



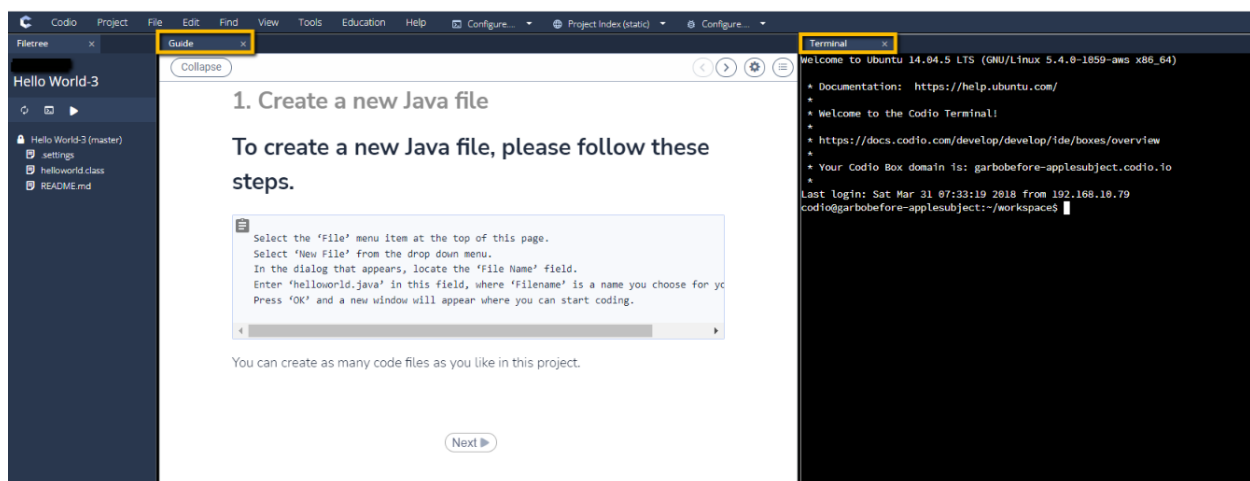
- b. Some courses use Codio as a virtual desktop. An example is displayed below.



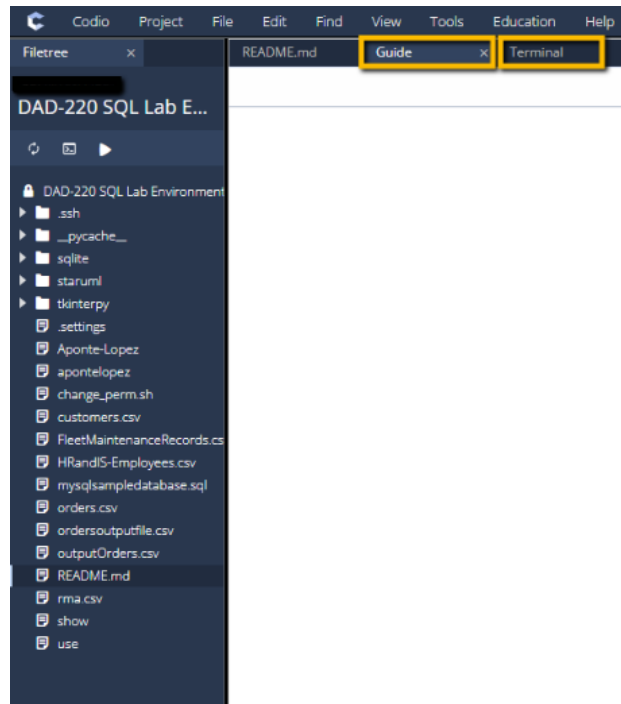
## Key Features and Navigation

Once you're in Codio, follow the prompt or assignment as directed.

Codio offers **guide** and **terminal** windows. The guide provides course content and instructions, while the terminal is the cloud computing workspace. You may see the guide and terminal in a side-by-side format.

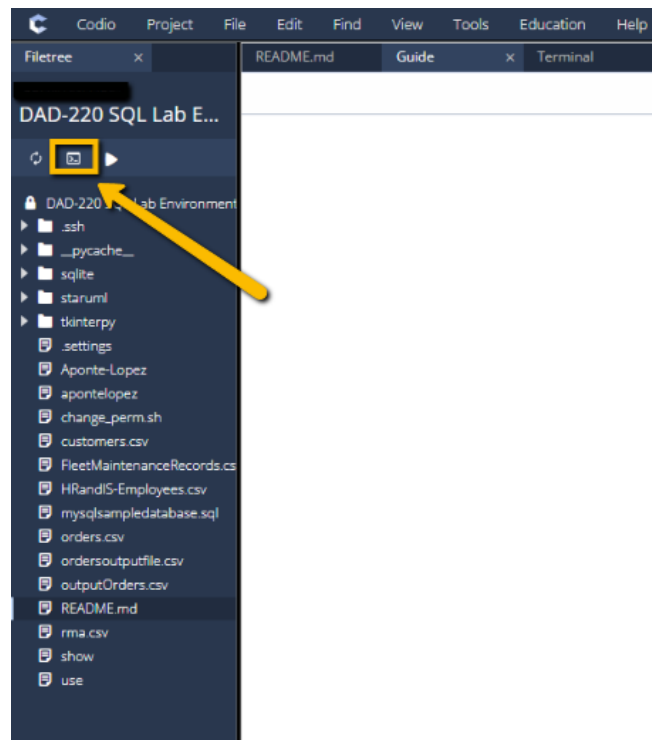


You may also see the guide and terminal layered, and you can access them by selecting the appropriate tab at the top of the Codio platform.



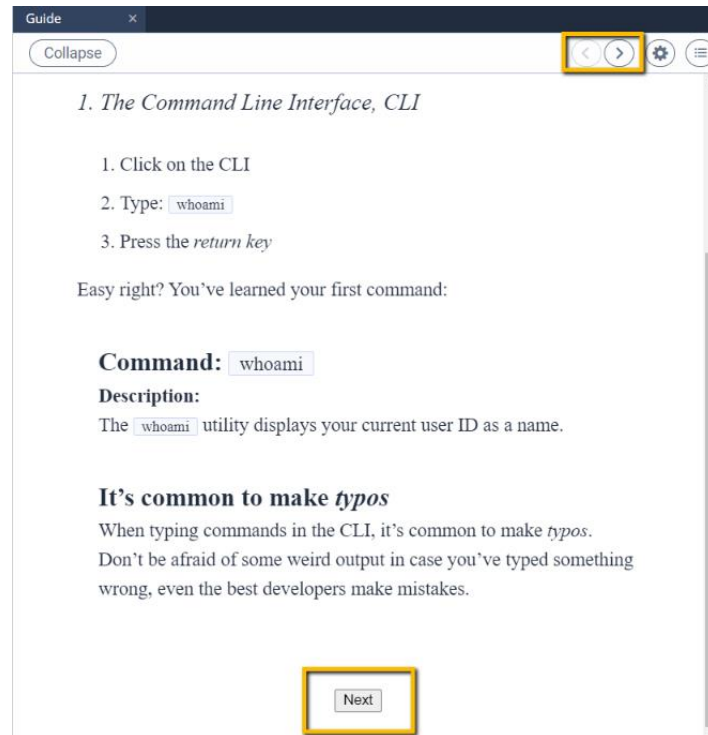
### ***Codio Terminal***

Open a new **terminal** window by selecting the small monitor icon on the left side of the Codio screen.

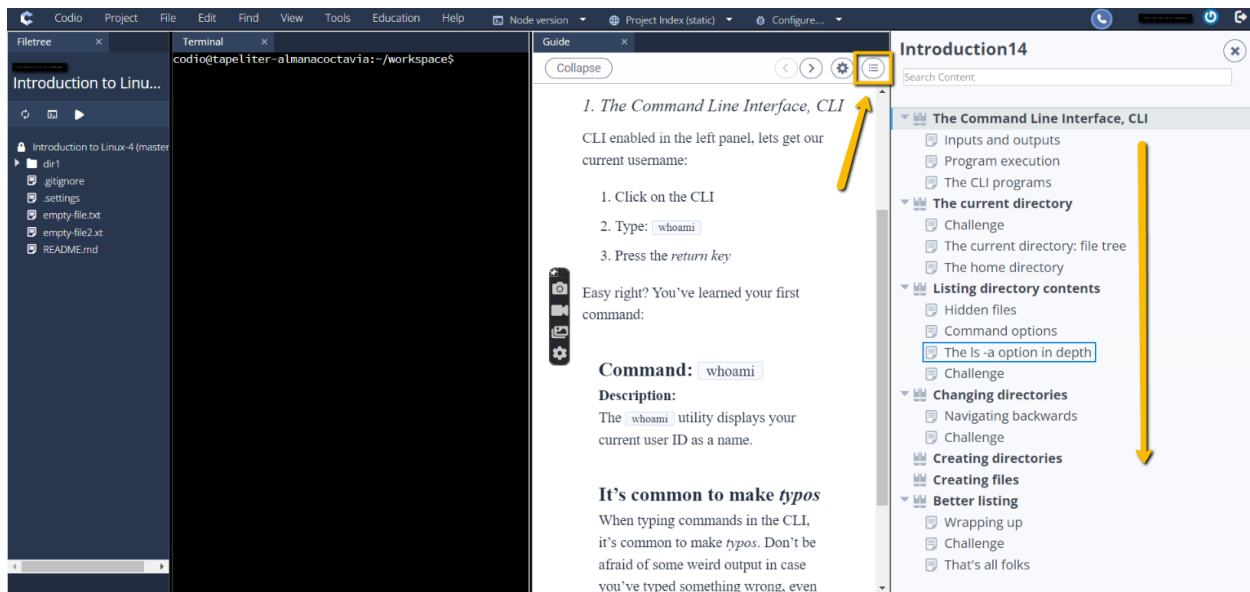


## Codio Guide

Navigate the Codio course or **guide** by using the arrows at the top of the guide or the button at the bottom of the guide, whichever is provided in your course.

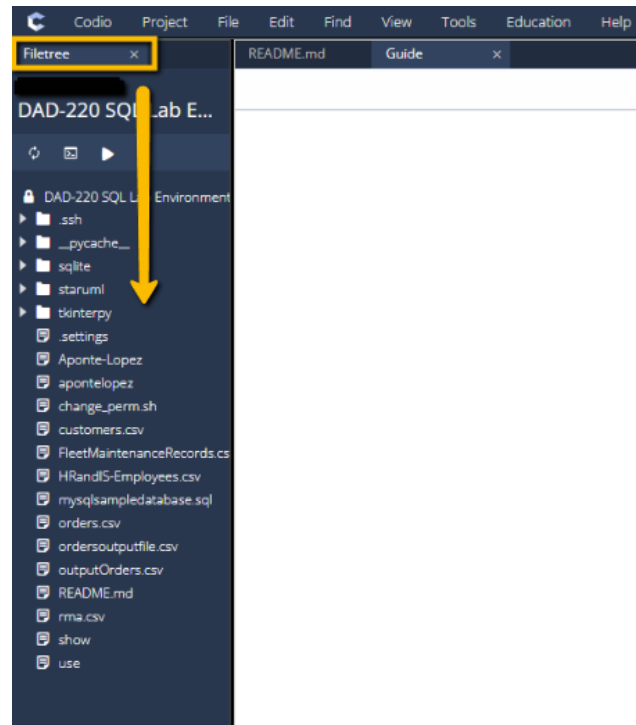


In addition, you can select the **Table of Contents** icon to view and navigate the various files or assignments. Select a different file or assignment to move to that location.



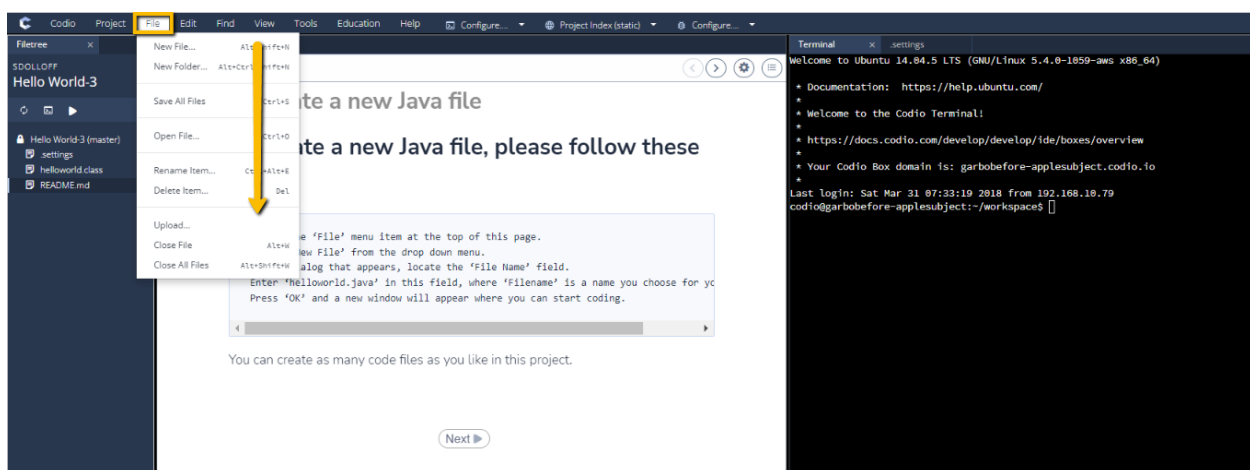
## Codio Filetree

The Codio filetree is located on the left of the Codio screen. The filetree is where files and folders for your coursework are stored, accessed, and created.



To create, change, and save files and folders in the filetree, select **File** in the Codio menu bar. You can also right-click and drag the files and folders in the filetree to complete actions needed to manipulate your files and folders.

**Warning:** Do not delete files. If you do delete files, you will need to contact your instructor for assistance.

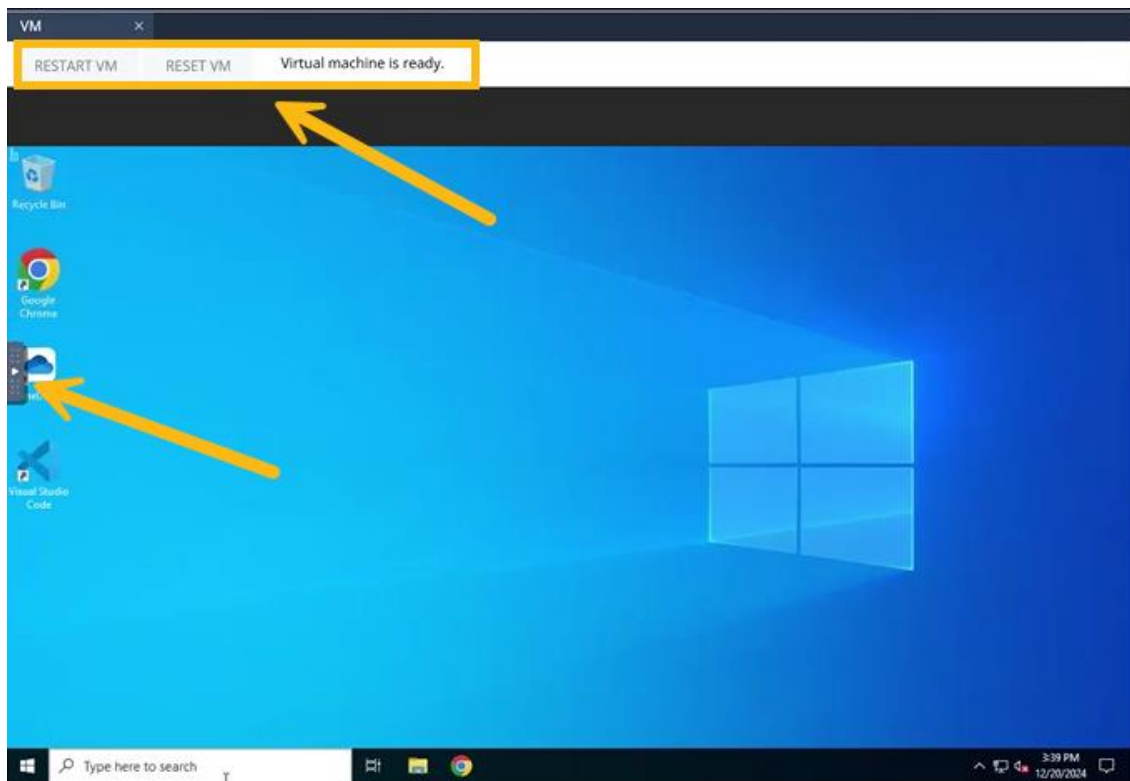


### ***Codio Virtual Desktop***

The Codio virtual desktop provides access to course-specific software and content. Follow the instructions in your Brightspace course to complete assignments using the Codio virtual desktop.

When you're using the Codio virtual desktop, you'll have access to the following features:

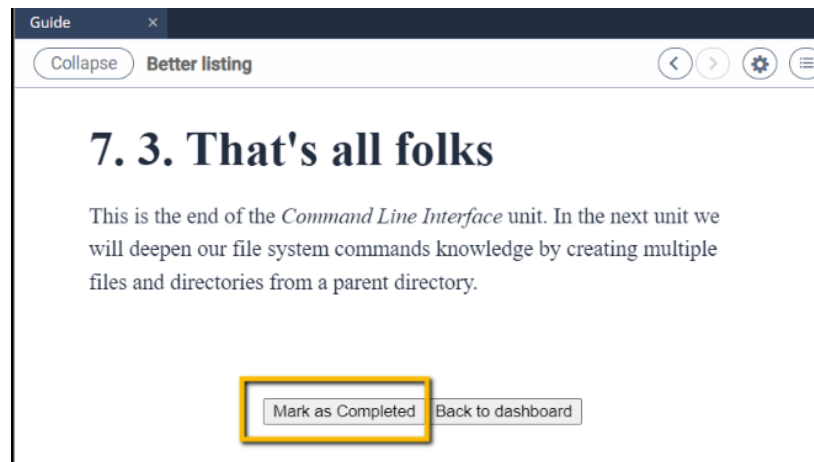
- Refer to the **IT Service Desk** (in the **Help** menu of your course) for knowledge base articles that will help you navigate Codio and OneDrive.
- A **OneDrive** icon will appear on the Codio virtual desktop. Log in with your SNHU credentials, and use OneDrive to save your work.
- Use **OneDrive** to upload/download and transfer documents to the Codio virtual desktop.
- Upload files from the Codio virtual desktop to Brightspace for submission. You may submit your work to Brightspace using Google Chrome on the Codio virtual desktop.
- The **control bar** is found on the left side of the virtual desktop. You may use the control bar to expand your virtual desktop to a **full-screen** view.
- Select **Restart VM** when you want to reboot the virtual desktop. You may choose to do this if it freezes or if you've walked away for an extended amount of time.
- Select **Reset VM** only when you want to set the virtual desktop back to the original setup provided to you. **If you choose Reset VM, all of your work and information will be cleared and lost from the virtual desktop.** Be sure to save your work to the OneDrive before you select **Reset VM**.



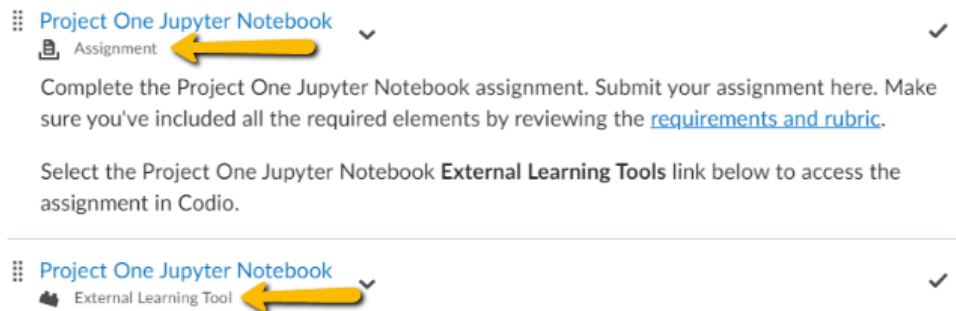
## Submitting Assignments

There is no standard for submitting Codio assignments. Follow the instructions in Brightspace to submit your assignment. A few examples and key indicators are discussed below.

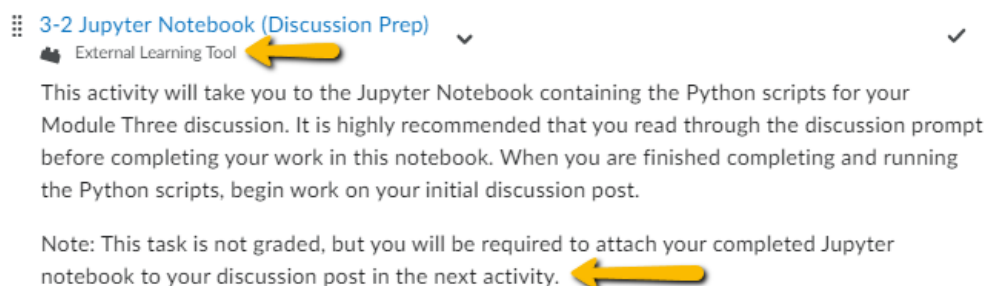
When directed to complete an assignment in Codio that uses the Codio guide, be sure to select **Mark as Completed** when presented with the option and your assignment is complete. If you accidentally mark your assignment as complete and need to continue to work on it, contact your instructor.



You may see two items in Brightspace with the same name. The one marked as **Assignment** will provide you with the assignment information and location to submit the assignment. The one marked as **External Learning Tool** will provide you with access to the assignment in Codio.



In addition, you may see assignment instructions indicating that you should submit your assignment in a different location.





It is important that you follow the assignment instructions in Brightspace to submit your assignments.

## Troubleshooting

Should you have any questions or issues with Codio or an assignment in Codio, complete the following steps:

1. Create a post in the General Questions discussion area in Brightspace. Often, other students may have encountered the same issue and can assist. In addition, your instructor will be informed of the issue and may have a solution.
2. Reach out to your instructor via email. SNHU creates and manages all courses and content in Codio. Your instructors are provided with instructions and advanced permissions in Codio to be able to assist.
3. Reach out to the IT Service Desk through the **Help** menu of your course. The service desk page also offers knowledge base articles that will help you navigate Codio and OneDrive.

## SNHU IT Service Desk Support

Courses in Codio are created and supported by SNHU. Codio is unable to provide support or respond to inquiries for help. Please direct your inquiries to the IT Service Desk through the **Help** menu of your course. The service desk page also offers knowledge base articles that will help you navigate Codio and OneDrive.

