

Laptop Instructions

*Everything will be erased each time you close the laptop!!!

Plan to save your work somewhere else before you shut down the laptop. One option is to save them to Google drive (see below using Google Colab).

The files for the computing course are located on [Github](#). At the start of each day you may download them to your laptop for use during the class. Alternatively, we will explore using Google's Colab site (requires a Google account).

<https://colab.research.google.com/>

Instructions for using the laptops with data downloaded locally

1. Open up Anaconda Navigator from the taskbar.
2. Click on Environments and find the **Astroscholar** one.
3. Start a new terminal session by opening up Powershell from the Astroscholar environment. This is a conda preset environment, containing many of the packages needed for the school.
4. Use the command `cd Desktop` to navigate to the Desktop where you have already downloaded your notebooks and files for the day.
5. Use the command `jupyter notebook` to launch the web application for Jupyter Notebook. From here, you should have access to a file tree that will allow you to navigate your Desktop to open individual notebooks.
6. When you are done with your work, save your Jupyter Notebook and upload it to a permanent place.
7. The proper way to close things on your terminal is to first, shut down the kernel (what is running your Jupyter Notebook) by typing Ctrl-C twice, and then deactivating your conda environment, by typing `conda deactivate`. However, since these computers will erase

things upon being closed anyways, it is okay to skip these steps and just exit out of the terminal and shut down your laptop.

Instructions for using the laptops with Google Colab

You will need a Google account. If you don't have one it's easy to create. Once you have a Google account, go to

<https://colab.research.google.com/>

In the left side panel click on Github and type

"nden/astroscholars"

You will see all notebooks under "tutorials". Click on a notebook to open it in Colab and give permission to Google to access it.