Working with Assignment Materials

Each assignment in the course will be split up into two parts: one theoretical portion written in LaTeX and one programming portion using Google Colab.

Written Theory Portion

Working with the files

We'll provide a PDF document with the problems in the assignment. You are required to submit your solutions in a PDF format. This could be a scanned version of your handwritten solutions. You can also use a document editor like Word or Pages. We recommend that you write your solutions using LaTeX. If you have never used it before, then take a look through this [Working with LaTeX](#) document. You can write up your solutions online using [Overleaf](#) or work locally using an editor like [Atom](#) or [SublimeText](#) with LaTeX plugins.
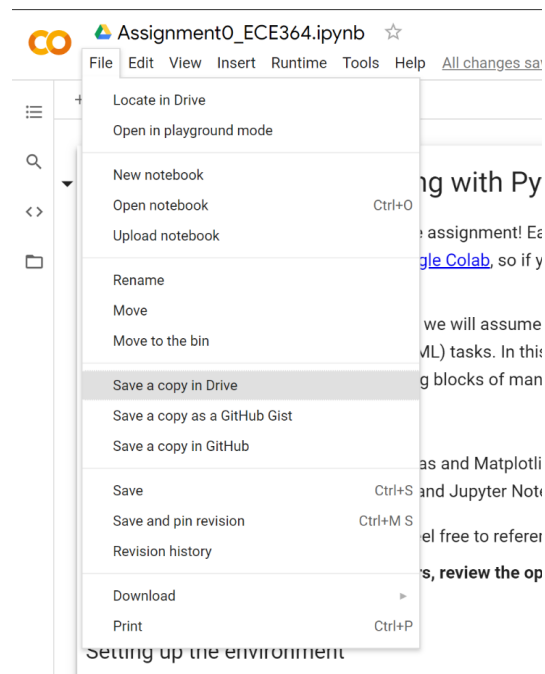
Submitting your solutions

When you finish with your solutions, you'll download (or build) your solutions into a PDF and submit that through Gradescope/Canvas.

Google Colab Programming Portion

Working with the files

We will provide a Google Colab file with the programming questions included. You'll need to make a copy of this file to your own Google Drive. To do this, open the Colab file, go to **File → Save a copy in Drive**.
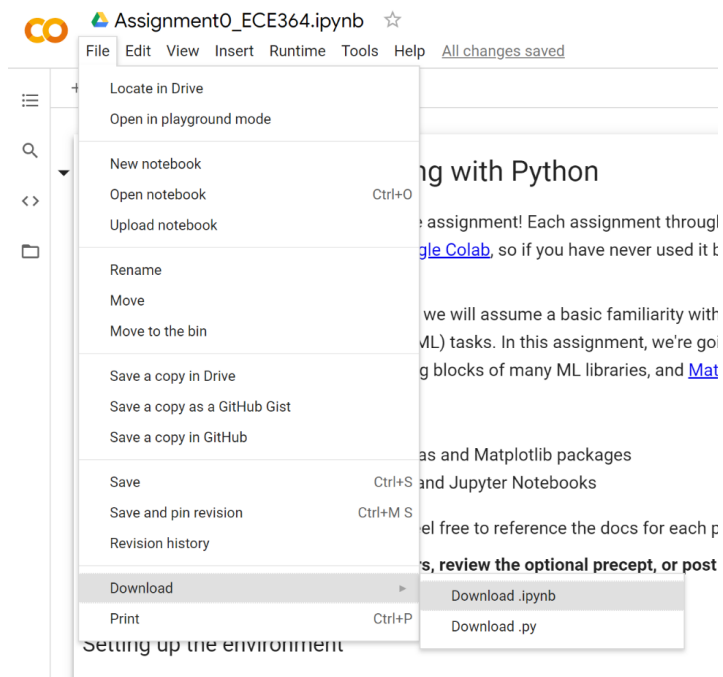

This might take a second, but when it's ready a message will pop up saying you should open the copy in a new tab. We recommend organizing your drive such that each assignment is within its own folder; however, how you organize it is up to you.

<u>Submitting your solutions</u>
When you finish the programming portion of the assignment, we're going to collect two versions of your notebook: the .ipynb and the .pdf.
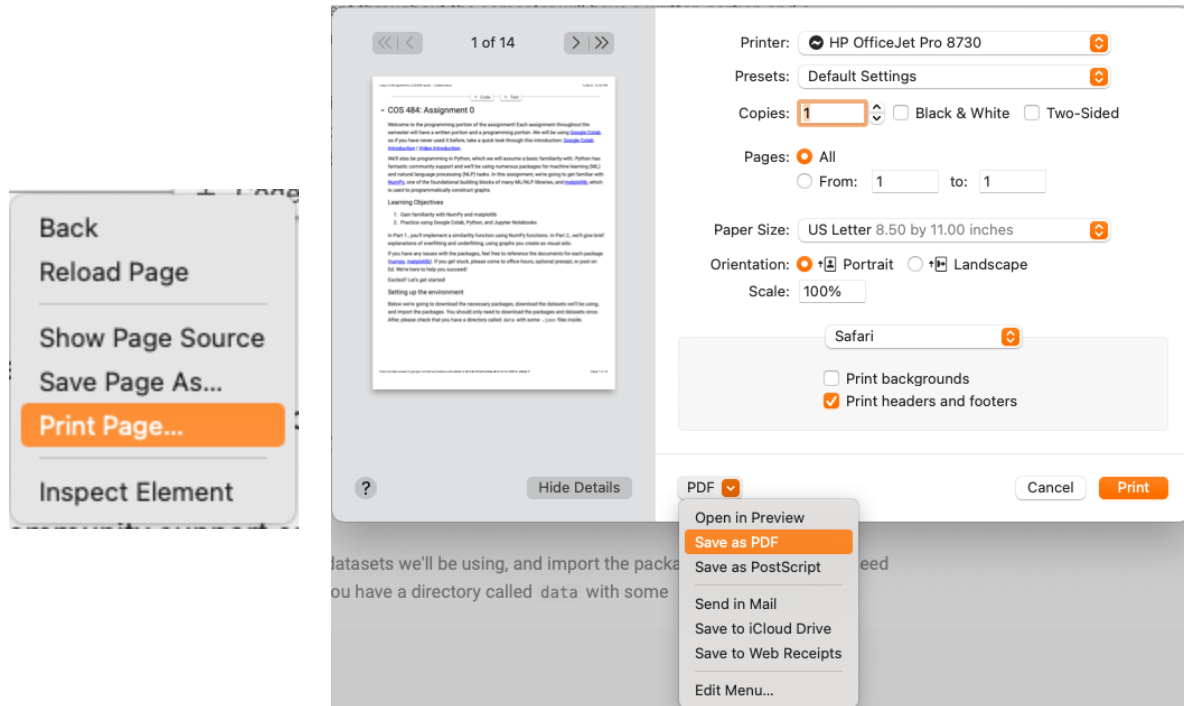
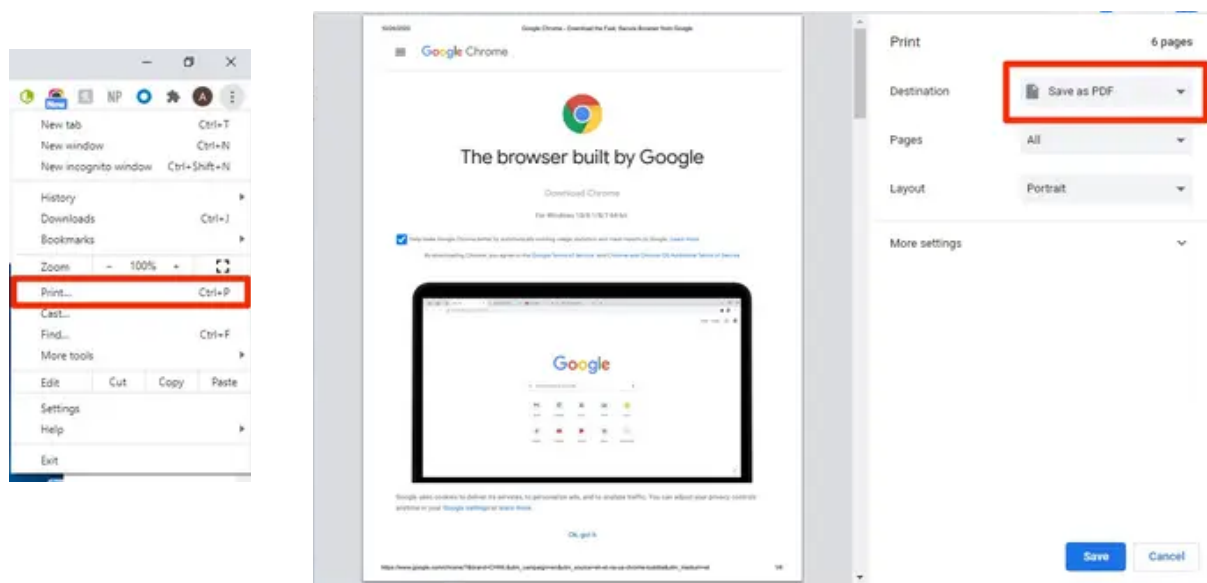**To generate the .ipynb**, go to **File → Download → Download .ipynb**:

This should download the file to your Downloads folder (or wherever downloads are located on your computer).

To generate the .pdf, you need to use the Print screen, which varies by OS.

On MacOS: (1) Open the print screen (either via right-click + Print Page.., or Cmd+P), (2) Click on the PDF dropdown at the bottom of the screen, and (3) Select "Save as PDF".

On Windows: (1) Open the print screen (either via right-click + Print…, the side menu, or Ctrl+P) and (2) in the first dropdown, select "Save as PDF".

This will download a .pdf version of the Colab to your computer. When you have both the .ipynb and .pdf files, upload both of these to Gradescope/Canvas.