Middle Tennessee State University

Department of Computer Science

CSCI-3080 Discrete Structure

OLA2: Formal Logic & Proofs, Induction

Instructor: Dr. Xin Yang

Due date: Feb 25th, 2022 (23:59 PM) Friday

February 17, 2022

1. Download and Install Anaconda

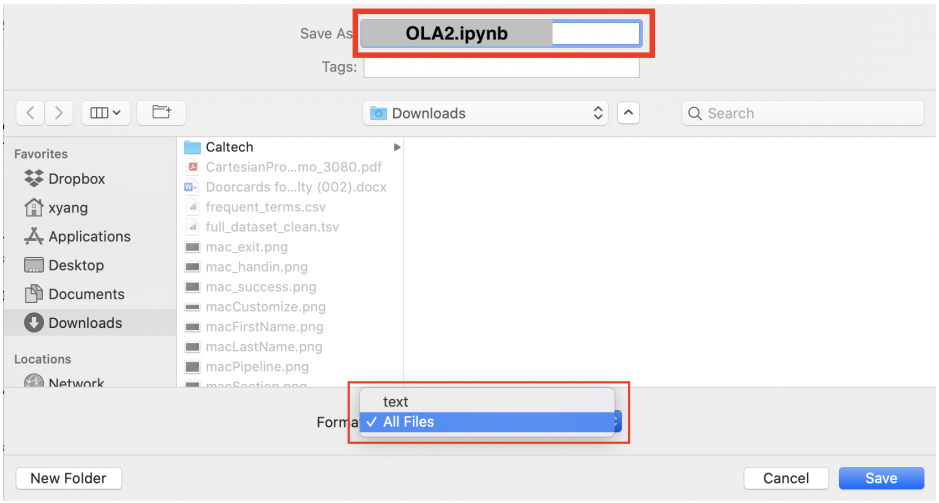
Windows users: `https://docs.anaconda.com/anaconda/install/windows/`
Mac users: `https://docs.anaconda.com/anaconda/install/mac-os/`
Linux users: `https://docs.anaconda.com/anaconda/install/linux/`

Figure 1: Anaconda: Data Science Platform

2. Download the Starter Jupyter Notebook

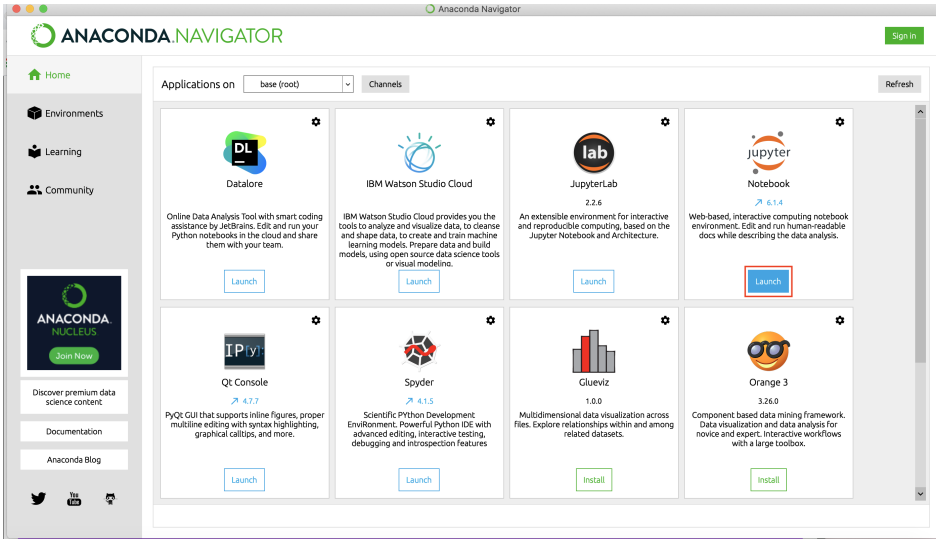
Please download the starter Jupyter Notebook (OLA2.ipynb) from my course calendar:
`https://www.cs.mtsu.edu/~xyang/3080/OLA/OLA2.ipynb`

- **Right click** the page.
- Click: "**Save As**"
- Select Format: **All Files**
- **Remove** the extension **.txt**.



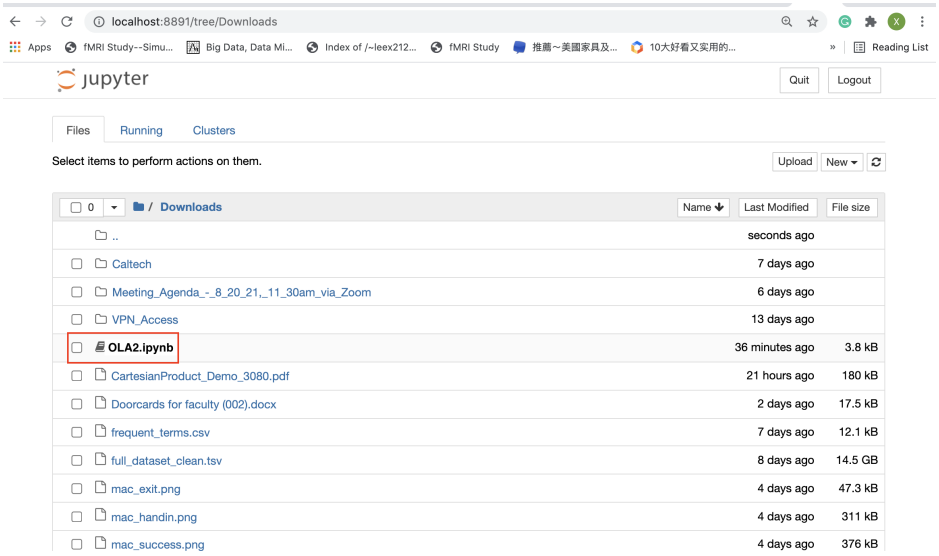
3. Launch Jupyter Notebook

(1) Open Anaconda.
(2) Launch Jupyter Notebook through Anaconda.



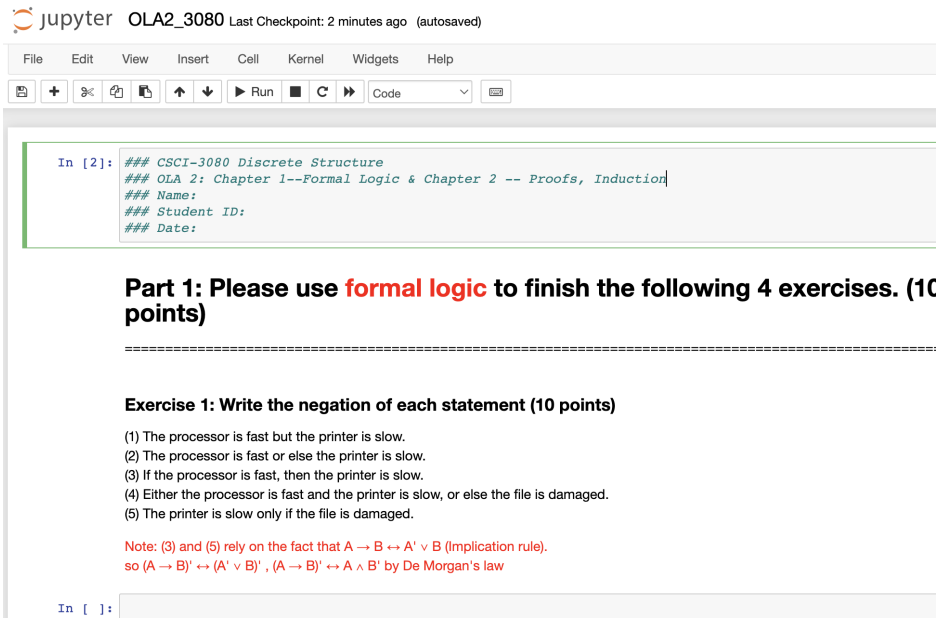
4. Open Jupyter Notebook OLA2

(1) Locate OLA2.ipynb in your Download Folder.



(2) You should see the following page after you click

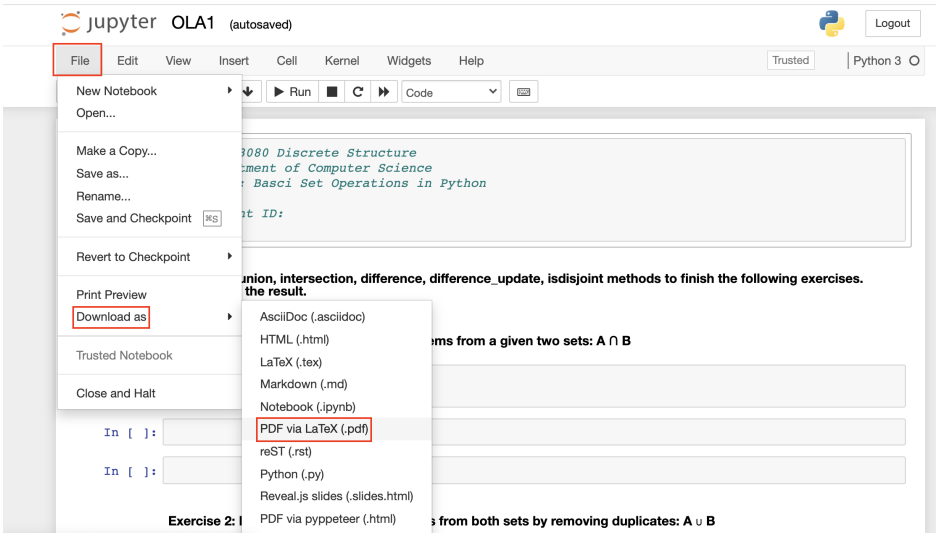
OLA2.ipynb :



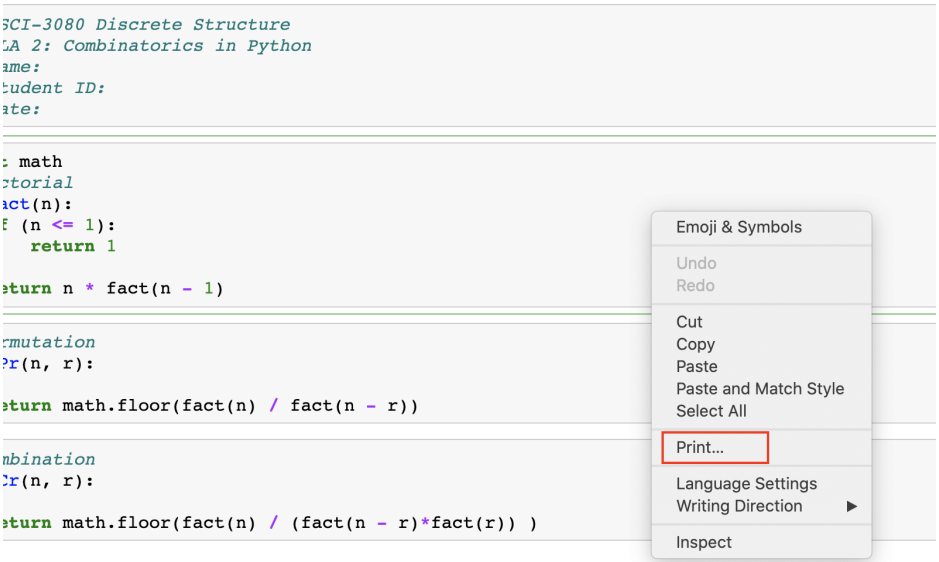
(3) Please fill in your Name, ID, and Date.
(4) Please finish all 10 exercises in Jupyter Notebook.

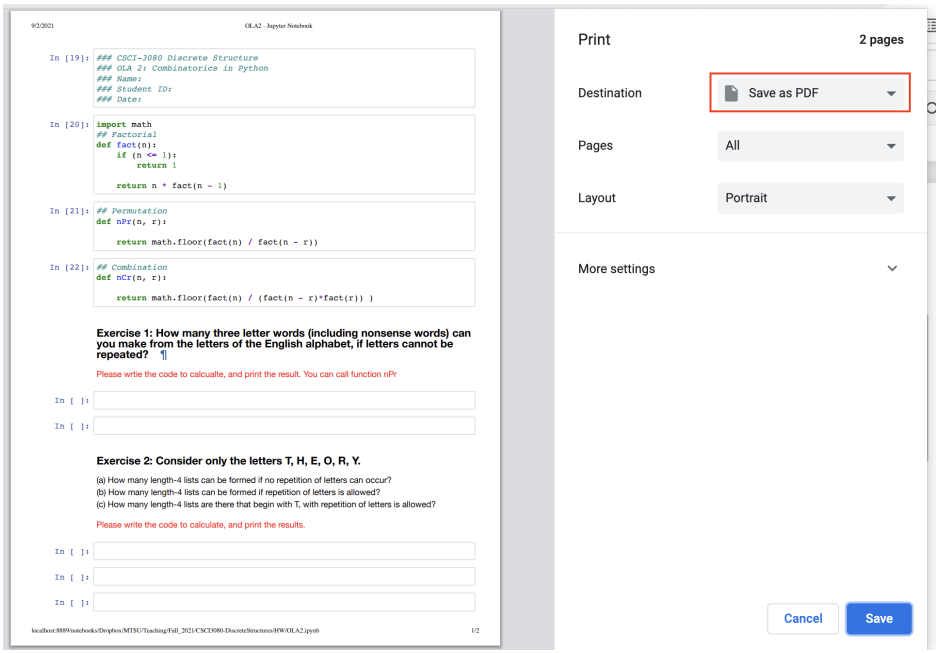
4. Save OLA2 as a PDF

(1) Please save your OLA2 as a PDF after you finish all the exercises.



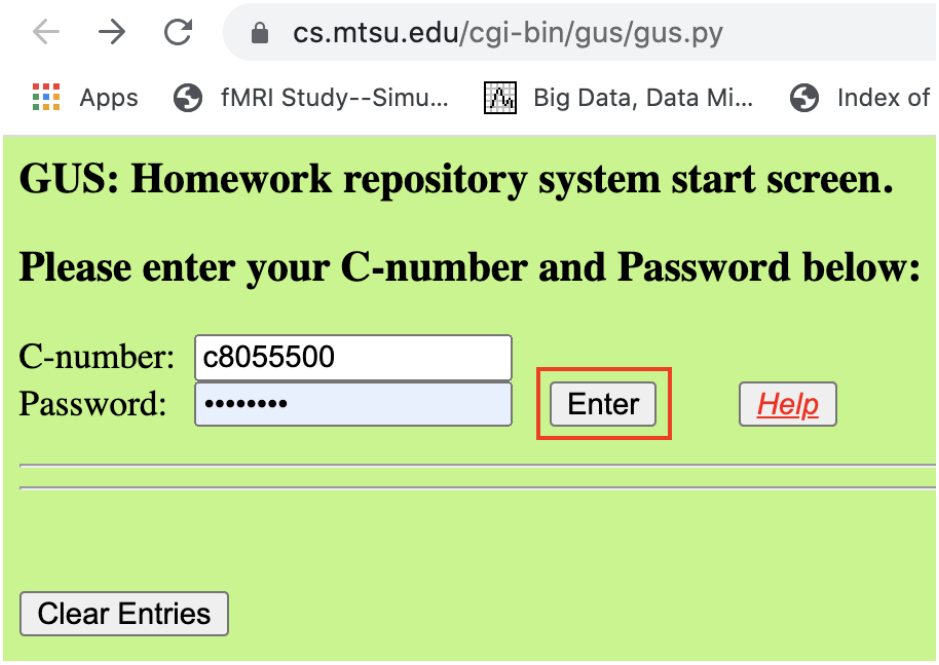
(2) If the above download as PDF doesn't work, please **right click** the Jupyter Notebook, then click **Print**, and **save as PDF**.





5. Submission

1. log in the gus sytem using your **cNumber** and **Password**:
`https://www.cs.mtsu.edu/cgi-bin/gus/gus.py`

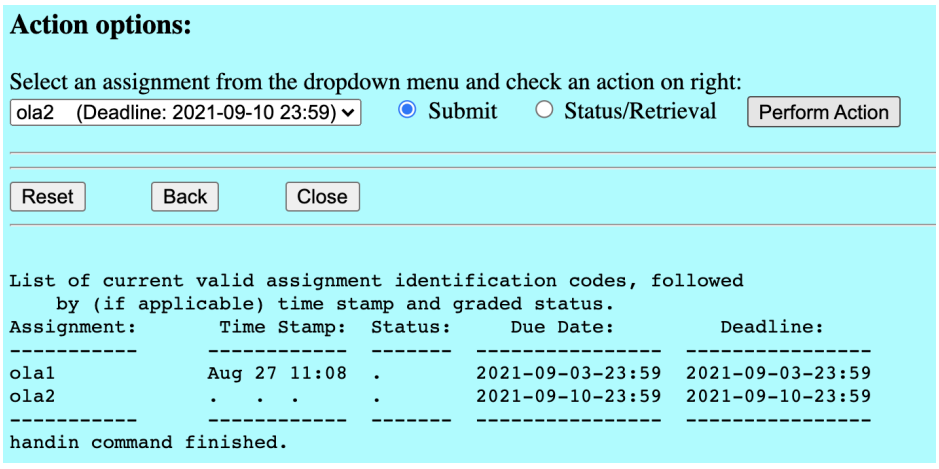


2.

(a) Select **ola2** from the drop-down menu.

(b) Click **Submit**

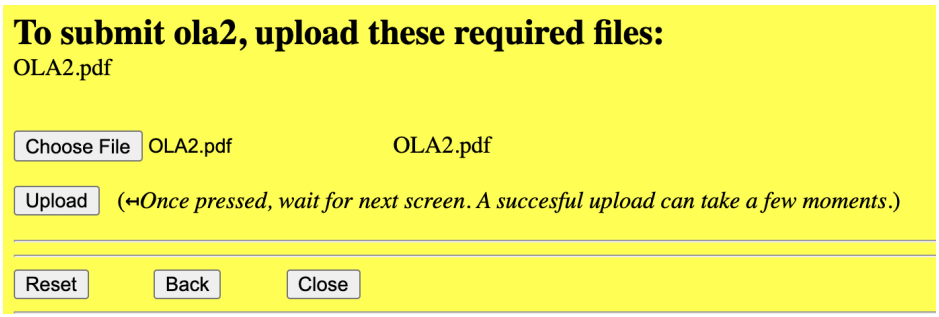
(c) Click **Perform Action**



3.

(a) click **Choose File** to attach your OLA2.pdf

(b) click **Upload**.



4. Congratulations! You are done with OLA2!