MIDDLE TENNESSEE STATE UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE CSCI-3080 DISCRETE STRUCTURE

OLA5: Graphs and Trees

Instructor: Dr. Xin Yang

Due date: April 11st, 2022 (23:59 PM)

April 1, 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 (OLA5.ipynb) from my course calendar:

https://www.cs.mtsu.edu/~xyang/3080/OLA/OLA5_

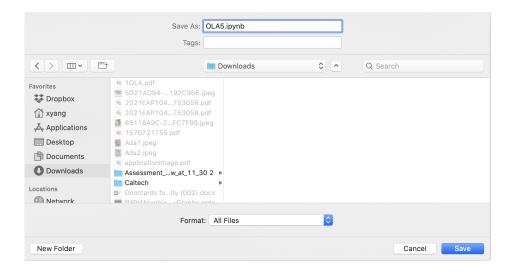
new.ipynb

• Right click the page.

• Click: "Save As"

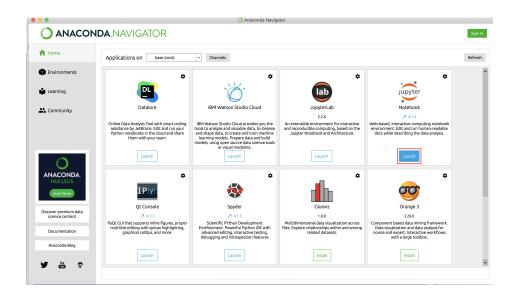
• Select Format: All Files

• Remove the extension .txt.



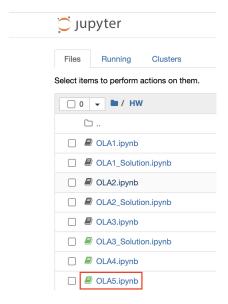
3. Launch Jupyter Notebook

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

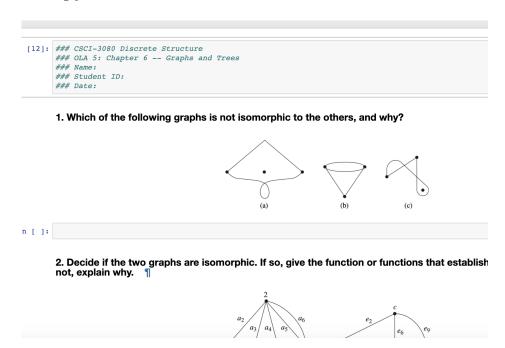


4. Open Jupyter Notebook OLA5

(1) Locate OLA5.ipynb in your Download Folder.



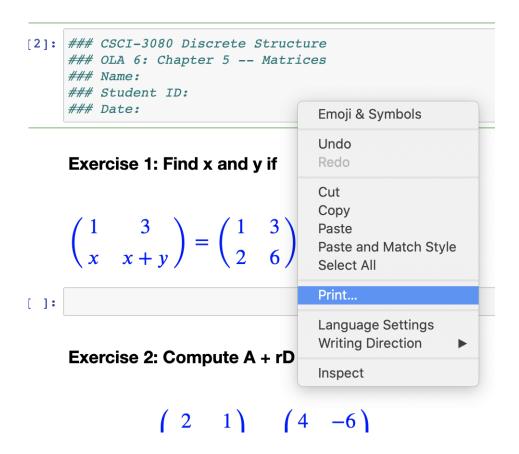
(2) You should see the following page after you click OLA5.ipynb:

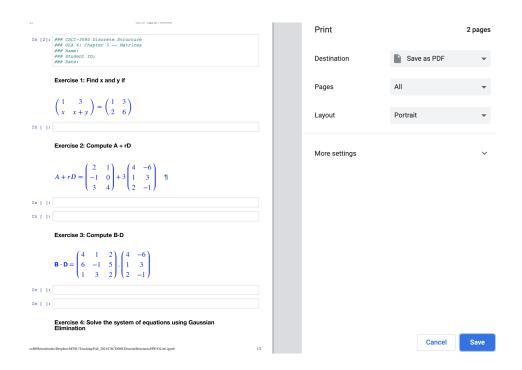


- (3) Please fill in your Name, ID, and Date.
- (4) Please finish all 8 exercises in Jupyter Notebook.

4. Save OLA5 as a PDF

(1) Please save your OLA5 as a PDF after you finish all the exercises. Please **right click** the Jupyter Notebook, then click **Print**, and **save as PDF**.

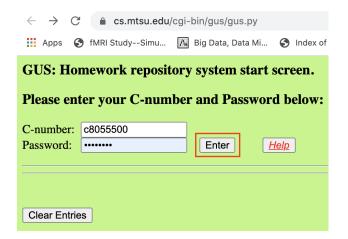




5. Submission

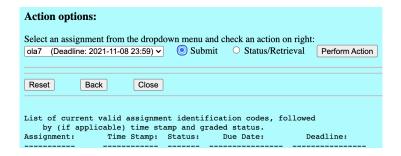
1. log in the gus sytem using your **cNumber** and **Password**:

https://www.cs.mtsu.edu/cgi-bin/gus/gus.py



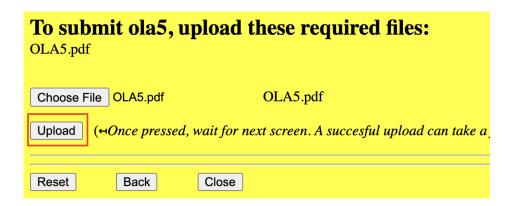
2.

- (a) Select **ola5** from the drop-down menu.
- (b) Click **Submit**
- (c) Click **Perform Action**



3.

- (a) click **Choose File** to attach your OLA5.pdf
- (b) click **Upload**.



4. Congratulations! You are done with OLA7!

