Homework #1

Purpose:

This homework is intended to get you started and setup with Anaconda and Jupyter, making your first notebook, and some general operations. This is primarily aimed at validating your setup is ready, and to help work through any configuration problems you may have.

Details:

Please install Anaconda, and successfully launch Jupyter Notebooks. In the Jupyter notebook, please work through the “Getting Familiar with Jupyter Notebook.docx” file that’s on ICON. You don’t have to install the R kernel (at the end of the word document).

Along with that, please create a new file with also Python 3. In that file please:

* Create a few numeric values (int, float, etc)
* Do some basic operators on those values (multiplication, division, etc)
* Do multiple output in one cell (f-string)

Please treat the 2nd notebook as a “production”-like notebook. Meaning, please provide documentation that explains what you’re doing, and focus on more code quality. Have a theme with the notebook. Lots of documentation isn’t required (nor likely given where we’re at in the course), but demonstrate that you understand the format of composing notebooks properly. Pay attention to the thought of “If I was to return to this in 6 months, would I know what was done?” Some tips:

1. Remember the organizational structure from the lectures
2. Pay attention to the names which you give variables.
3. Pay attention to the flow of your program.