Short HW 1: **Jupyter**

Course: Physics 177, *Computational Physics* (2018)
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Due by: **Thursday**, April 5

Note that this short assignment is due in class on Thursday. You have only *two days* to do it. This should be quick, I recommend doing it right after class on Tuesday.

1 Install Jupyter

This class will use **Python 3** in the **Jupyter** environment. By *Thursday*, please make sure you have this set up on your machine.

Note: Prof. Tanedo is *not* available for technical support for this.

1.1 Install Python

If you do not already have Python 3 installed, please install it. Here is one such tutorial:

- **Mac**: http://docs.python-guide.org/en/latest/starting/install3/osx/
- **Win**: http://docs.python-guide.org/en/latest/starting/install3/win/
- **Linux**: http://docs.python-guide.org/en/latest/starting/install3/linux/

Another easy way to install Python is to use Anaconda: https://www.anaconda.com/download/ .

At the command line, type in `python --version` or (if you have multiple versions installed) `python3 --version`. Write what the output is.

Hint: If the output looks like `Python 2.7.10`, then you *do not* have the correct version of Python.

1.2 Install Jupyter

Jupyter is a 'notebook' front-end that makes it easy to write, test, and share code. Please install it using the instructions here: http://jupyter.org/install

Once installed, run the Jupyter notebook environment by entering `jupyter notebook` a the command line. This will open a web browser. Write the url that pops up. Hint: it should start with `localhost`.