Instructions for Problem Set 1

To run and solve this assignment, one must have a working **iPython Notebook** installation. The easiest way to set it up for Windows, Mac and Linux is to install **Anaconda:**

https://www.anaconda.com/distribution/

After installing, run Anaconda and use Anaconda's file explorer to open the “pset1.ipynb” file. Use the `Python 3` version.

In Windows after installation, search for “Anaconda Navigator” to start it. In the GUI menu, you can launch the Jupyer Notebook or Jupyter Lab. These IDEs are based on the web-browser; you can enter localhost:8888 in a web browser and navigate to the directory where the .ipynb file is saved on your machine.

If you are new to Python or its scientific library, Numpy, there are some nice tutorials here: https://www.learnpython.org and http://scipy-lectures.org.
You need to submit both PDF file and notebook for ps1 submission. To print this notebook to a pdf file, you can go to "File" -> "Download as" -> "PDF via LaTex(.pdf)" or simply use "print" in browser.

Submission in Gradescope

You need to submit jupyter notebook and the output of the notebook as PDF in gradescope. Assignment are graded on completion. You will be asked whether you attempted the question or not. Solutions are released with the problem set. Please try to solve the question yourself first and write down your own solution and comments for your code. You may check our solution if you are stuck, but do not copy it directly. Your attempted solution should be written by you. Copy pasted solutions will result in zero points. It is extremely important that you complete all assignments (both the programming and written questions), as they will prepare you for quizzes and the exams.