Homework 0: Running Jupyter Notebooks

The purpose of this homework is to test whether you have correctly installed Anaconda and are able to run Jupyter Notebooks. The only "*work*" you have to do is run all the cells in this notebook. If you have correctly installed Anaconda and the ydata123 environment, you should not see any error messages as you run the cells. If you do encounter error messages, please try to debug by going to office hours and asking on Ed Discussion.

Deadline:

This assignment is due Monday, February 8 at 11:59 P.M. This assignment is worth 5 points. These 5 points will be assigned to the total points for HW01. Late work will not be accepted as per the course policies (see the Syllabus and Course policies on Canvas (https://canvas.yale.edu).

You should start early so that you have time to get help if you're stuck. The drop-in office hours schedule can be found on Canvas (https://canvas.yale.edu). You can also post questions or start discussions on Ed Discussion (https://edstem.org/us/courses/3558/discussion/).

Submission:

Submit your assignment as a .pdf on Gradescope. You can access Gradescope through Canvas on the left-side of the class home page. The problems in each homework assignment are numbered. NOTE: When submitting on Gradescope, please select the correct pages of your pdf that correspond to each problem. This will allow graders to find your complete solution to each problem.

To produce the .pdf, please do the following in order to preserve the cell structure of the notebook:

1. Go to "File" at the top-left of your Jupyter Notebook
2. Under "Download as", select "HTML (.html)"
3. After the .html has downloaded, open it and then select "File" and "Print" (note you will not actually be printing)
4. From the print window, select the option to save as a .pdf

Problem 1

(2 points)

In [ ]:
```
# This cell contains code that hasn't yet been covered in the course.
# Make sure to run this cell and all cells below.

from datascience import *
import numpy as np
```

Problem 2

In [ ]:
```
print("The ratio of a circle's perimeter to its diameter is %.15f..." %
np.pi)
```

Problem 3

(1 point)

In [ ]:
```
table = Table()
table['Easy as'] = [1,2,3]
table
```

Submission

Once you're finished running all cells, follow the instructions at the top of this notebook to save as a .pdf and then submit the file through Gradescope.