MATH 213, Spring 2015
Homework 1
due 8:45am on Monday, February 2.

1-1. By 11:59pm on Saturday, January 31, 2015, email me at `chanusa@qc.cuny.edu` with the following:

- Find two neat things that you have seen that Mathematica is able to do, one from the Documentation Center, and one from an online resource such as the Wolfram Demonstrations Project. Copy the computer code into your email and describe in words what it does. Write where you found this code and explain why it is interesting to you. In one or two paragraphs, discuss in what ways it would be interesting for you or someone else to modify what you are seeing in a new and innovative way.

1-2. Watch the first two videos at the following link:

http://www.wolfram.com/broadcast/screencasts/handsonstart/

These videos are for helping to get started with Mathematica. It is highly suggested that you follow along with Mathematica open alongside to try out the presented commands yourself. The first video is about 7 minutes long and it introduces you to how to add sections and text into your notebooks. The second video is about 19 minutes long and discusses how Mathematica allows you to use "free-form input" and how else to input information.

[It is important to realize that free-form input is nice, but to use Mathematica's full capability, you will need to understand its language; that what this class is about!]

1-3. Thoroughly read the class web page including the syllabus and schedule. This should answer all the questions that you may have about the class. (You must also first complete Homework Problem 1-2.) Take the syllabus quiz on Google Classroom. Retake the quiz as necessary to earn a score of 100%.