PROBLEM 5: DATA PLOTTING : 5.0 POINTS

Now, you'll use your simulation to answer some questions about the robots' performance.

In order to do this problem, you will be using a Python tool called PyLab. To learn more about PyLab, please see Chapter 11 in the 6.00x textbook.

For the questions below, call the given function with the proper arguments to generate a plot using PyLab.

1. Examine `showPlot1` in `ps7.py`, which takes in the parameters title, x_label, and y_label. Your job is to examine the code and figure out what the plot produced by the function tells you. Try calling `showPlot1` with appropriate arguments to produce a few plots. Then, answer the following questions.

   ### GRADER IS CURRENTLY DOWN; IT WILL BE AVAILABLE SOON!

2. Examine `showPlot2` in `ps7.py`, which takes in the same parameters as `showPlot1`. Your job is to examine the code and figure out what the plot produced by the function tells you. Try calling `showPlot2` with appropriate arguments to produce a few plots. Then, answer the following questions.

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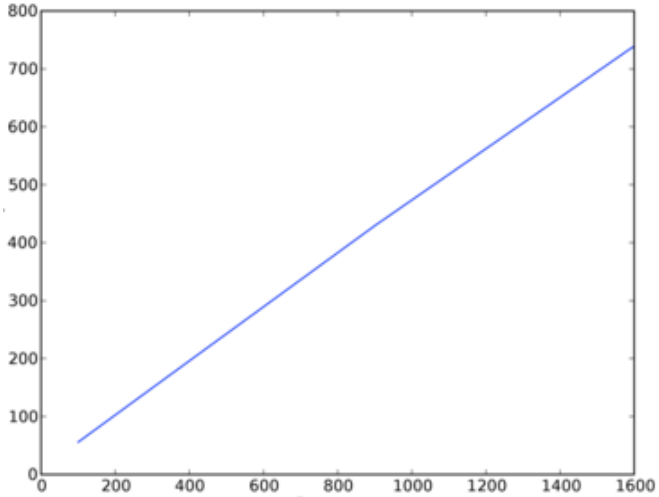
Below is an example of a plot. This plot does not use the same axes that your plots will use; it merely serves as an example of the types of images that the PyLab package produces.



(/static/content-mit-600x~2012_Fall/files/ps07_files/sampleplot-small.5e3b84f365c8.png)

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