**Hypothes.is Assignment: (2 pts)** Make an annotation on a resource that assisted you in performing this assignment.

**Individual Homework Activity:**

Now that you have seen how to make graphs, it’s time to put your new skills to use!

In this task, you will demonstrate the rockin’ new abilities you have gained that allow you to create graphs automagically using Python! These skills should be useful in almost any career you pursue.

Unlike a normal assignment, this one asks you to be a little bit creative, while still making sure you complete some basic requirements.

Requirements:

* Create or find (if you find and download, make sure to cite properly) three data sets that relate to chemistry. Store each data set in a different file (bardata.txt, linedata.txt, and piedata.txt).
* Write three separate Python programs. One will create a bar graph, one will create a line graph, and one will create a pie chart.
* For each program, read your data for each of your plots from a file. Make sure you turn in each of your files through Moodle so I can see your awesome plots!
* Make your plots using different colors, markers, etc. (don’t just use the default values).
* Make sure to have axis titles, appropriate axis labels, etc.

Be creative! Make really neat plots! Show off what you have learned! Imagine you are really going to have to use these plots to present some kind of data at a meeting or a conference and make people understand what you found by using the plots you’ve created.

For each graph, you must turn in your Python code, the text file you read your data from, and the graph you generated. You will be posting 9 files in total. (15 points)