**Extracting Data from JSON**

In this assignment you will write a Python program somewhat similar to<http://www.pythonlearn.com/code/json2.py>. The program will

1. prompt for a URL,
2. read the JSON data from that URL using **urllib** and then
3. parse and extract the comment counts from the JSON data,
4. compute the sum of the numbers in the file and enter the sum below:

We provide two files for this assignment. One is a sample file where we give you the sum for your testing and the other is the actual data you need to process for the assignment.

* Sample data: <http://python-data.dr-chuck.net/comments_42.json> (Sum=2553)
* Actual data: <http://python-data.dr-chuck.net/comments_292935.json> (Sum ends with 63)

You do not need to save these files to your folder since your program will read the data directly from the URL.**Note:** Each student will have a distinct data url for the assignment - so only use your own data url for analysis.

**Data Format**

The data consists of a number of names and comment counts in JSON as follows:

{

comments: [

{

name: "Matthias"

count: 97

},

{

name: "Geomer"

count: 97

}

...

]

}

The closest sample code that shows how to parse JSON and extract a list is [json2.py](http://www.pythonlearn.com/code/json2.py). You might also want to look at [geoxml.py](http://www.pythonlearn.com/code/geoxml.py) to see how to prompt for a URL and retrieve data from a URL.

**Sample Execution**

$ python solution.py

Enter location: http://python-data.dr-chuck.net/comments\_42.json

Retrieving http://python-data.dr-chuck.net/comments\_42.json

Retrieved 2733 characters

Count: 50

Sum: 2...

**Turning in the Assignment**

Top of Form

Enter the sum from the actual data and your Python code below:  
Sum:  (ends with 63)

Bottom of Form