Done

Welcome Ziw ei Zhang from Using Python to Access Web Data

Extracting Data from JSON

In this assignment you w ill w rite a Python program somew hat similar to http://w w w .py4e.com/code3/json2.py. The program w ill prompt for a URL, read the JSON data from that URL using **urllib** and then parse and extract the comment counts from the JSON data, compute the sum of the numbers in the file and enter the sum below :

We provide tw o files for this assignment. One is a sample file w here w e give you the sum for your testing and the other is the actual data you need to process for the assignment.

- Sample data: http://py4e-data.dr-chuck.net/comments_42.json (Sum=2553)
- Actual data: http://py4e-data.dr-chuck.net/comments_346110.json (Sum ends w ith 43)

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

Data Form at

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

```
{
  comments: [
    {
      name: "Matthias"
      count: 97
    },
    {
      name: "Geomer"
      count: 97
    }
    ...
  ]
}
```

The closest sample code that show s how to parse JSON and extract a list is json2.py. You might also w ant to look at geoxml.py to see how to prompt for a URL and retrieve data from a URL.

Sam ple Exe cution

```
$ python3 solution.py
Enter location: http://py4e-data.dr-chuck.net/comments_42.json
Retrieving http://py4e-data.dr-chuck.net/comments_42.json
Retrieved 2733 characters
Count: 50
Sum: 2...
```

Done

Turning in the Assignment

Enter the sum from the actual data and your Python code below :

Sum: (ends w ith 43) Submit Assignment

Python code: