Done

Welcome ARYANT PRATAP SINGH from Using Python to Access Web Data

Calling a JSON API

In this assignment you will write a Python program somewhat similar to http://www.py4e.com/code3/geojson.py ↗.
The program will prompt for a location, contact a web service and retrieve JSON for the web service and parse that
data, and retrieve the first **place_id** from the JSON. A place ID is a textual identifier that uniquely identifies a place
as within Google Maps.

API End Points

To complete this assignment, you should use this API endpoint that has a static subset of the Google Data:

```
http://py4e-data.dr-chuck.net/json? ↗
```

This API uses the same parameter (address) as the Google API. This API also has no rate limit so you can test as
often as you like. If you visit the URL with no parameters, you get "No address..." response.

To call the API, you need to include a **key=** parameter and provide the address that you are requesting as the
address= parameter that is properly URL encoded using the **urllib.parse.urlencode()** function as shown in
http://www.py4e.com/code3/geojson.py ↗

Make sure to check that your code is using the API endpoint is as shown above. You will get *different* results from
the **geojson** and **json** endpoints so make sure you are using the same end point as this autograder is using.

Test Data / Sample Execution

You can test to see if your program is working with a location of "South Federal University" which will have a
place_id of "ChIJ0V94rPl_bIcRqLdrlbjFMDk".

```
$ python3 solution.py
Enter location: South Federal University
Retrieving http://...
Retrieved 2505 characters
Place id ChIJ0V94rPl_bIcRqLdrlbjFMDk
```

Turn In

Please run your program to find the **place_id** for this location:

```
Universidade Federal de Santa Catarina
```

Select Language | ▼

Make sure to enter the name and case exactly as above and enter the **place_id** and your Python code below. Hint:

Done

The first seven characters of the **place_id** are "ChIJp7y ..."

Make sure to retreive the data from the URL specified above and **not** the normal Google API. Your program should

work with the Google API - but the **place_id** may not match for this assignment.

place_id: [   ] | Submit Assignment |

Python code:

[   ]

Select Language ▼