# Done

Bienvenido Guillermo Ehrenbolger de Using Python to Access Web Data

**Following Links in Python**

In this assignment you will write a Python program that expands on http://www.py4e.com/code3/urllinks.py [↗]. The program will use **urllib** to read the HTML from the data files below, extract the href= vaues from the anchor tags, scan for a tag that is in a particular position relative to the first name in the list, follow that link and repeat the process a number of times and report the last name you find.

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

- Sample problem: Start at http://py4e-data.dr-chuck.net/known_by_Fikret.html [↗]
  Find the link at position **3** (the first name is 1). Follow that link. Repeat this process **4** times. The answer is the last name that you retrieve.
  Sequence of names: Fikret Montgomery Mhairade Butchi Anayah
  Last name in sequence: Anayah
- Actual problem: Start at: http://py4e-data.dr-chuck.net/known_by_Julita.html [↗]
  Find the link at position **18** (the first name is 1). Follow that link. Repeat this process **7** times. The answer is the last name that you retrieve.
  Hint: The first character of the name of the last page that you will load is: E

**Strategy**

The web pages tweak the height between the links and hide the page after a few seconds to make it difficult for you to do the assignment without writing a Python program. But frankly with a little effort and patience you can overcome these attempts to make it a little harder to complete the assignment without writing a Python program. But that is not the point. The point is to write a clever Python program to solve the program.

**Sample execution**

Here is a sample execution of a solution:

```
$ python3 solution.py
Enter URL: http://py4e-data.dr-chuck.net/known_by_Fikret.html
Enter count: 4
Enter position: 3
Retrieving: http://py4e-data.dr-chuck.net/known_by_Fikret.html
Retrieving: http://py4e-data.dr-chuck.net/known_by_Montgomery.html
Retrieving: http://py4e-data.dr-chuck.net/known_by_Mhairade.html
Retrieving: http://py4e-data.dr-chuck.net/known_by_Butchi.html
Retrieving: http://py4e-data.dr-chuck.net/known_by_Anayah.html
```

The answer to the assignment for this execution is "Anayah".

Seleccionar idioma │ ▼

**Turning in the Assignment**

# Done

Enter the last name retrieved and your Python code below:

Name: [                    ] (name starts with E)  | Submit Assignment |

Python code:

Seleccionar idioma | ▼