

Assignment One  
CS595  
Introduction to Web Science  
Old Dominion University  
Computer Science  
Date Due 11:59 pm Sept 12  
Lulwah Alkwai

Answer One-

Command Used:

```
curl -3 -d "query=ODU" https://ixquick.com/do/search > q1.html
DloadUploadTotalSpentLeftSpeed
100 89712 0 89703 100 9 37618 3 0:00:03 0:00:02 0:00:01 39691
```

Notes :

\* *POST* requests are never cached

\* *POST* requests do not remain in the browser history

\* *POST* requests cannot be bookmarked

\* *POST* requests have no restrictions on data length

*I had problem with the output and it turns out I had to use -3 in the command*

*-3, --sslv3 : (SSL) Force curl to use SSL version 3 when negotiating with a remote SSL server. previous*

```
curl -d "query = ODU" https://ixquick.com/do/search;q1.html
```

```
Dload Upload Total Spent Left Speed
```

```
00000000 -- : -- : -- -- : -- : -- -- : -- : -- 0curl : (35)error :
```

```
14077458 : SSL routines : SSL23GETsSERVER_HELLO : reason(1112)
```

Web Search:

<http://php.net/manual/es/book.curl.php> <http://www.w3schools.com/>

[tags/ref\\_httpmethods.asp](http://tags.ref_httpmethods.asp)

<http://curl.haxx.se/docs/manpage.html>

Answer Two-

code called q2.py

sample output(arguments are correct):

```
python q2.py "Idaho" 0 "http://scores.espn.go.com/ncf/scoreboard?confId=80&
seasonYear=2013& seasonType=2& weekNumber=2"
```

Wyoming 42

Idaho 10

. . .

sample output(arguments are incorrect):

```
python q2.py 0
```

\*\*\*\*\*

Please try again by entering: q2.py "TeamName" TimeInSeconds "URI"

Default:

Team Name: Old Dominion

Time In Seconds: 60

URI: http://scores.espn.go.com/ncf/scoreboard? confId=80& seasonYear=2013&  
seasonType=2& weekNumber=2

\*\*\*\*\*

Maryland 47

Old Dominion 10

. . .

Notes:

I asked for Hannys help to get BeautifulSoup working on my device, it  
turned out I needed admin access to download, or download the file locally  
and work on that.

Web search:

<http://www.crummy.com/software/BeautifulSoup/>

<http://stackoverflow.com/questions/4362981/beautifulsoup-how-do-i-extract-all-the-li>

<http://stackoverflow.com/questions/5615647/python-using-beautiful-soup-for-html-proc>

Answer Three-

IN: M,I

SCC: A, B, C, G

Out: D, H

Tendrils: K, L

Tubes: J, N

Disconnected: E,F

Definitions used to Answer the question:

IN, sites that can reach SCC, but that have no links from SCC;

SCC, sites on the strongly connected component;

OUT, sites that are reachable from SCC, but have no links towards SCC;

TENDRILS, sites that only connect to IN or OUT, but following the links in the reverse direction;

TUBES, a component joining OUT and IN without going through SC;

Disconnected, sites that are not connected to SCC;

Notes:

Web search:

<http://blogs.scientificamerican.com/observations/2011/08/08/ownership-ties-among-glob>

<http://dspace.dial.pipex.com/town/parade/hq69/Protected/Features/>

<Web%20has%20a%20shape.html>

<http://www.cybermetrics.info/articles/v9i1p3.html>

General Notes on Assignment:

-To learn how to start using Latex I used:

<http://www.latex-project.org>

-I was very excited to use Latex, and that it is very useful for writing, but after using it I am not sure, it took some time to get hang of it and I believe it takes more time to write and edit instead of simply writing in word! But who knows only time will tell.

-To get Github working I figured out how to get my own page set up, and asked 'Sawoods' help to learn to upload my work