

Question One-

Demonstrate that you know how to use "curl" well enough to correctly POST data to a form. Show that the HTML response that is returned is "correct" (e.g., save it to a file and then view that file in a browser and take a screen shot).

Answer-

WebPage used:

Question Two-

Write a Python program that: 1. takes one argument, like "Old Dominion" or "Virginia Tech"

2. takes another argument specified in seconds (e.g., "60" for one minute).

3. takes a URI as a third argument, such as:

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

or

`http://scores.espn.go.com/ncf/scoreboard?confId=80&seasonYear=2013&seasonType=2&weekNumber=1`

or

`http://scores.espn.go.com/ncf/scoreboard?confId=80&seasonYear=2012&seasonType=2&weekNumber=1` etc.

4. downloads the URI, finds the game corresponding to the team argument, prints out the current score (e.g., "Old Dominion 38,East Carolina 52), sleeps for the specified seconds, and then repeats (until control-C is hit).

You can use any source for college football box scores that you'd like.

Answer-

Question Three-

Consider the "bow-tie" graph in the Broder et al. paper (fig 9): <http://www9.org/w9cdrom/160/160.htm>

Now consider the following graph:

A -i B B -i C C -i D C -i A C -i G E -i F G -i C G -i H I -i H I
-i J I -i K J -i D L -i D M -i A M -i N N -i D

For the above graph, give the values for:

IN: SCC: OUT: Tendrils: Tubes: Disconnected:

Answer-