Problem 1

To test that my data is posted correctly; I have create two different forms; one is HTML form responsible to get input from a user and submit it to the second form which print this information on the screen for confirmation.

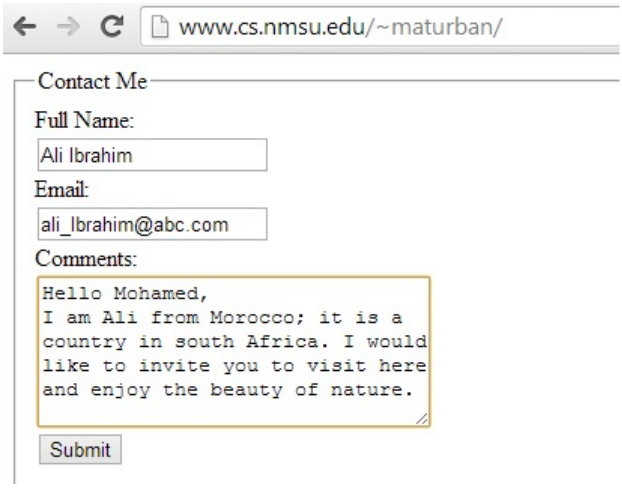

Figure 1: A form for submitting information

Figure 2: Configuration form

Now, we can test posting data to the confirmation form through curl. See the following command :

```
$curl -d "full_name=Sajed Khalid&email=sajed_kalid@abc.com&comments=
Hello Mohamed, This sajed from Iraq; I am planning to study in US; do
you recommend you school ODU &submit=Submit" --location --output
./result.html http://www.cs.nmsu.edu/~maturban/post.php
```

Finally, we can see the result HTML form that has all posted information:

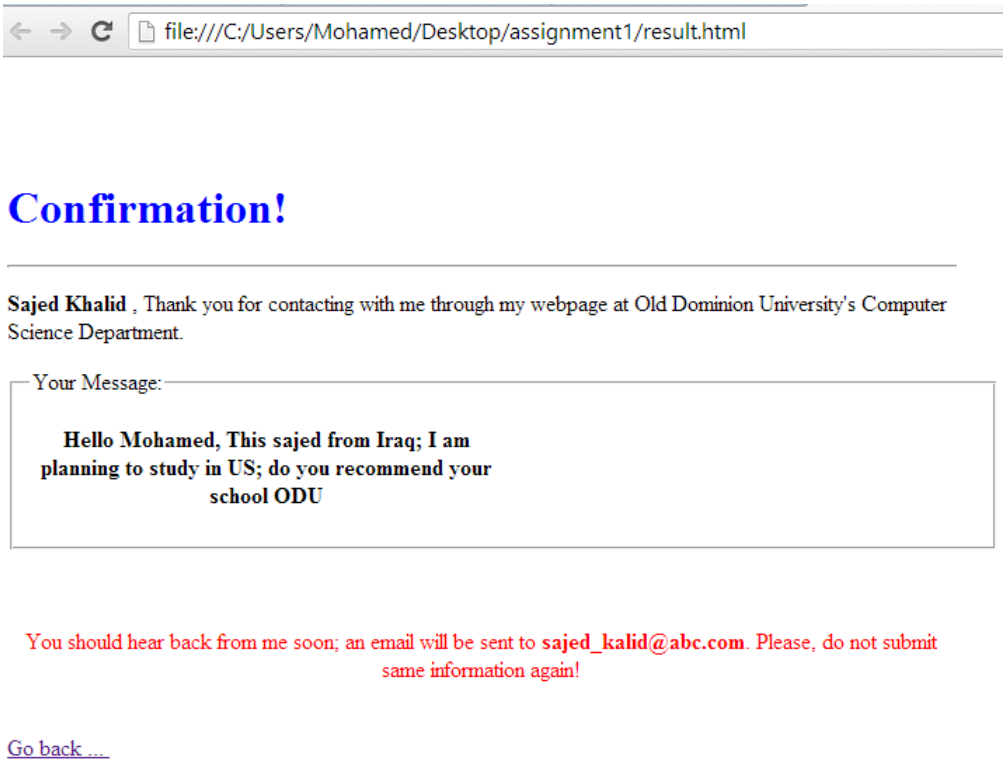

Figure 3: Configuration form. Information posted through curl

Problem 2

The python program is written the way it can extract team names and scores from (yahoo sports) at this uri: `http://sports.yahoo.com/college-football/scoreboard/?week=1&conf=` The program can be run as shown below. If a team's name has spaces or special characters, quotes should be included:

```
$python <program name> <team name> <time in seconds> <week number>
        checkScore.py    "Rice"          3                1
```

- Output samples

1. When a game is live!

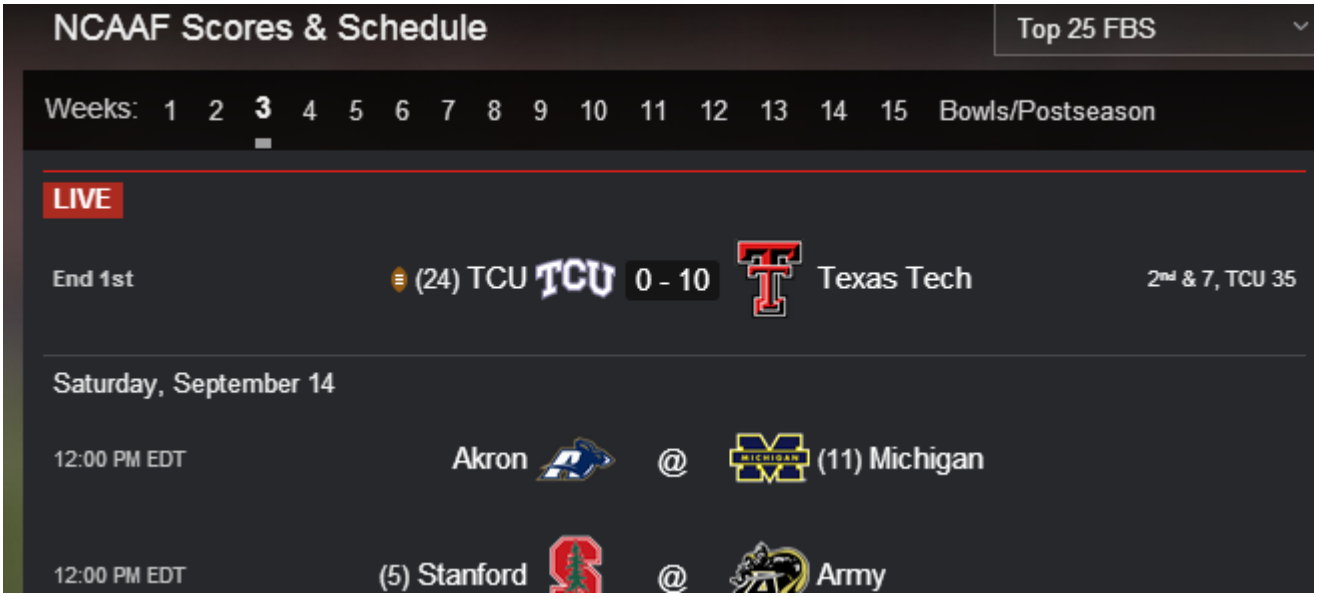

Figure 4: Checking score when game is live.

```
$python checkScore.py "Texas Tech" 120 3

Week [3], every 120 second(s) the following
uri will be checked for scores:
'http://sports.yahoo.com/college-football/
scoreboard/?week=3&conf='

At 2013-09-12 20:01:26
 Score is: [TCU] 0 - 7 [Texas Tech]

 At 2013-09-12 20:03:27
 Score is: [TCU] 0 - 7 [Texas Tech]

 At 2013-09-12 20:05:28
 Score is: [TCU] 0 - 10 [Texas Tech]

^C
 See you soon, goodby ...
```

2. Game has not been played yet

```
$python  checkScore.py  Army 120 3

Week [3], every 120 second(s) the following
uri will be checked for scores:
'http://sports.yahoo.com/college-football/
scoreboard/?week=3&conf='

 At 2013-09-12 20:22:19
 This game is scheduled but has not been played yet:
            [Stanford] ? - ? [Army]
^C
 See you soon, goodby ...
```

3. Team is not found

```
$python    checkScore.py    LIBYA   120  3

Week [3], every 120 second(s) the following
uri will be checked for scores:
'http://sports.yahoo.com/college-football/
scoreboard/?week=3&conf='

 No game scheduled for 'LIBYA'
^C
 See you soon, goodby ...
```

4. When game is over ...

```
$python   checkScore.py   UCLA   60  1

Week [1], every 60 second(s) the following uri
will be checked for scores:
'http://sports.yahoo.com/college-football/
scoreboard/?week=1&conf='

 At 2013-09-12 20:27:04
 Score is: [Nevada] 20 - 58 [UCLA]
^C
 See you soon, goodby ...
```

- Please see attached package for Python code

Problem 3

The following reference help me a lot to answer this question since it has a very clear definition of every component, in other resources, they mention that, each node in IN must connect to SCC, in this case, 'I' and 'J' should placed in TENDRILS, :

`http://www.harding.edu/fmccown/classes/comp475-s13/Web-structure-homework.pdf`

IN:	M, I
SCC:	A, B, C, G
OUT:	D, H
TENDRILS:	K, L
TUBES	N, J
DISCONNECTED:	E, F

This assignment was very excited for me since it is my first time I use:

- LaTex
- Python
- Curl