1 CSC299 - Lab Assignment 7

IMPORTANT INSTRUCTIONS

Login into:

```
mdp.cdm.depaul.edu
```

Under your csc299 folder create a new folder called `lab07`. After completing each task below remember to do:

```
git add README.json
git add .
git commit -a -m "task completed"
git push
```

else I will not receive your work.
In this class you MUST use mechanize and must connect using a csc299 header, as in the following example:

```
import mechanize
br = mechanize.Browser()
br.addheaders = [('csc299','true')]
br.open('http://mdp.cdm.depaul.edu/csc299a7/default/index')
br.forms()
```

1.1 Task 1 (3 points)

In folder `/csc299/lab07` write a program `program71.py` that connects to

```
http://mdp.cdm.depaul.edu/csc299a7/default/user/register
```

and registers you. Use your actual email and student id. DO NOT REGISTER USING THE BROWSER ELSE YOU WILL NOT BE ABLE TO REGISTER TWICE. After you register using mechanize, you can try it using the browser using the email and password provided upon registration.

1.2   Task 2 (3 points)

Write a program `program72.py` that connects to

`http://mdp.cdm.depaul.edu/csc299a7/default/index`

and does the following:

- Sign in

- Extract all numbers from the `index` page.

Notice the sequence of numbers is different for each students and randomized at each call to the `index` page.

1.3   Task 3 (3 points)

Modify the above program in order to:

- Sign in

- Extract all numbers from the `index` page.

- Compute the sum of the numbers (`total`)

- Click the "Next" button

1.4   Task 4 (2 points)

Modify the above program in order to:

- Sign in

- Extract all numbers from the `index` page.

- Compute the sum of the numbers (`total`)

- Click the "Next" button

- In the next page (`form`), submit the total

- Check that the page contains "Assignment Completed"

Useful links

```
http://mdp.cdm.depaul.edu/csc299a7/default/user/register
http://mdp.cdm.depaul.edu/csc299a7/default/user/logout
http://mdp.cdm.depaul.edu/csc299a7/default/user/login
http://mdp.cdm.depaul.edu/csc299a7/default/user/index
http://mdp.cdm.depaul.edu/csc299a7/default/user/form
http://mdp.cdm.depaul.edu/csc299a7/default/user/done
```

Note you only need to open the "register" and the "index" and perhaps the "logout" link. Everything is handled by clicking and form redirections automatically.