

# 1 CSC299 - Fall 2015 - 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.