

1 CSC299 - Lab Assignment 4

IMPORTANT INSTRUCTIONS

Use this URL to verify your progress:

`https://mdp.cdm.depaul.edu/csc299`

Login into:

`mdp.cdm.depaul.edu`

Under your `csc299` folder create a new folder called `lab04` and, under the latter, create a new file called `README.json`. This file should contain:

```
{"student_id": "<yourstudentid>", "name": "<yourname>", "email": "<youremail>"}
```

After completing each task below remember to do:

```
git add README.json
git add *.txt
git add *.csv
git add *.py
git commit -a -m "task completed"
git push
```

else I will not receive your work.

ATTENTION: Files are different for each student.

1.1 Task 1 (2 points)

Create a new folder `/csc299/lab04` and `cd` under that folder.

Create a program called `program41.py` which downloads the following web page:

`http://mdp.cdm.depaul.edu/csc299/default/accounts?page=1`

into a file called `accounts.1.html`.

1.2 Task 2 (3 points)

Write a program `program42.py` which parses the above file `accounts.1.html` and saves the amount associated to “Luise Carpentier” in a file `amount.luise.txt`.

1.3 Task 3 (3 points)

Write a program called `program43.py` which downloads and computes the total of the column amount for page:

`http://mdp.cdm.depaul.edu/csc299/default/accounts?page=1`

and stores it in `amount.1.txt`

1.4 Task 4 (3 points)

Write a program called `program44.py` which downloads all the pages:

`http://mdp.cdm.depaul.edu/csc299/default/accounts?page=N`

and computes the total amount (total of all pages) and stores it in `amount.total.txt`. The program should not save the HTML files, only process them.