Itec/MODR 2915/2635 EN Fall 2021

Homework 0: Glendon working environment



Moodle: https://eclass.yorku.ca

Rstudio-server: https://oldtown.glendon.yorku.ca/ Username: yourlastname (always in small letters) Password: your_student_number Your web pages are at: http://oldtown.glendon.yorku.ca/~yourlastname

Please complete Exercise 1 before our first class.

Exercise 1:

Login our server at: https://oldtown.glendon.yorku.ca/

- Username: yourlastname (always in small letters) Password: your_student_number
- For example, if your full name is "Peter Toft", then you web site is http://oldtown.glendon.yorku.ca/~toft/
- If your last name is "Peter El Hare", then your web site is http://oldtown.glendon.yorku.ca/~elhare/ (last name is El Hare)
- There are 2 students D Chen and J Chen. So the web is for each student: http://oldtown.glendon.yorku.ca/~dchen/ http://oldtown.glendon.yorku.ca/~jchen/
- Your web pages are in the directory www: /home/yourlastname/www
- Your home directory is /home/yourlastname

You will have next this graphic, or graphical user interface (GUI) below:

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Click on "terminal" to activate that console in order to type command line (CLI), followed by "return" key. So we are giving a command to the computer (operating system) by typing a text (a keyword); more on Human–computer interaction.

Utility	Description
ls	"list" files and directories
pwd	"print working directory"
cd	"change (your working) directory"
mkdir	"make directory"
rmdir	"remove directory"
ср	"copy" a file or directory
mv	"move" a file or directory (i.e., rename it)
rm	"remove" a file (i.e., delete it)

Exercise 2:

Definition (Wiki): A **command-line interface** (**CLI**) processes commands to a computer program in the form of lines of text. (Issue a command by typing text at a **terminal**, then press return.)

View, repeat and explain each of the CLI given in this video:

- (a) http://oldtown.glendon.yorku.ca/~teaching/2021/l1/ex003.mp4
- (b) http://oldtown.glendon.yorku.ca/~teaching/2021/l1/ex004.mp4
- (c) http://oldtown.glendon.yorku.ca/~teaching/2021/l1/ex005.mp4

Exercise 3: html5

```
<!DOCTYPE html>
<html>
 <head>
   <meta charset="utf-8" />
   <title>Ma passion pour les animaux</title>
 </head>
 <body>
   <h1>Titre de niveau 1</h1>
   Voici mes animaux:
   <01>
    <strong>Dragon</strong>
    chat
    giraffe
   </body>
</html>
```

Make a web page with the html5 code given above to be displayed at:

http://oldtown.glendon.yorku.ca/~yourlastname/examples/ex1

Exercise 4: Making a photo gallery with CLI.

(a) View, repeat and explain each of the CLI given in this video:

http://oldtown.glendon.yorku.ca/~teaching/2021/l1/ex004.mp4



(b) What do the CLI do in this video:

http://oldtown.glendon.yorku.ca/~teaching/2021/l1/ex005_pwd_www.mp4

The program is fgallery

fgallery input_directory output_directory

Exercise 5:

Your web page is at: http://oldtown.glendon.yorku.ca/~yourlastname

Visit the following links:

- http://oldtown.glendon.yorku.ca/~yourlastname/music/mp3
 - What should you do so that the URL link above be renamed as: http://oldtown.glendon.yorku.ca/~yourlastname/music/french
 - What should you do so that that your Paris album is at this location: http://oldtown.glendon.yorku.ca/~yourlastname/paris/memory/french
- http://oldtown.glendon.yorku.ca/~yourlastname/cv/index.html
 - How would you replace the "blue box" with your own photo?
 - How would you replace "Welcome" by "Bienvenue!"
 - See: https://youtu.be/ZRfsCQPGiS4
 - or

http://oldtown.glendon.yorku.ca/~teaching/2021/syllabus/oldtown_rstudi o_server_title_cv.mp4

Hint: Edit the file index.html at /home/lastname/www/cv Replace myphoto.png by your own image with the same name Here is the html and css codes for the web page above:

```
<!DOCTYPE html>
<html>
<head>
 <link rel="stylesheet" href="css/cv.css">
<!-- Make for my students in Itec at Glendon College -->
</head>
<body>
<div id="header">
<h1> Welcome! </h1>
</div>
<h2> </h2>
<div id="section">
    <div id="left">
    <center>
    <img src="myphoto.png" width="150px", height = "150px">
    </center>
    </div>
    <div id = "right">
    <b>Hi!</b>
       Welcome to my website. I'm Peter The Great, a student at
       Glendon College. I am interested in computer music, machine
       learning, data visualization and French studies.
    <br>><br>>
    <a href="mailto:someone@yoursite.com">Contact me</a>
    <br>
    </div>
</div>
</body>
</html>
```



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Links:

https://www.w3schools.com/