

**Programming Assignment #0**  
**"Home Page Placeholder"**  
**Date Due: Thursday, September 6, 2018**

**Skills:** Linux, HTML

**Description:**

Each student will need a home page in their Venus account, or another web-accessible server of their choosing, to serve as their course "dashboard". The next assignment, Assignment #1, will entail designing this page and providing its initial substantive content. The purpose of the present assignment, Assignment #0, is to create a placeholder and to ensure that is accessible – both to its author and the instructor.

If you are using the school's Venus account and follow the steps below, the instructor will know where to look to find your coursework. If you are using another server for assignments, you must e-mail that URL to the instructor at [Lawrence.Teitelman@qc.cuny.edu](mailto:Lawrence.Teitelman@qc.cuny.edu) so he can find your work. Place the words "CS 355 URL" in the subject-line.

Step 1: Login to the account on Venus.

(For remote access, Windows-users will generally use SSH (see <https://www.ssh.com/ssh/download/>) while Mac-users will generally use Terminal.)

These are the connection credentials:

- host-name: venus.cs.qc.cuny.edu
- user-name: LLFFNNNN  
(where LL = first two letters of your last name, FF = first two letters of first name, NNNN = last four digits of CUNYFirst Id)
- password: the full eight digits of your CUNYFirst Id

Step 2: Create and set permissions on the relevant directories

Grant access to the root with the command:

```
$ chmod 755 $HOME
```

Create a new directory and grant access with the commands

```
$ mkdir public_html
```

```
$ chmod 755 public_html
```

Switch to the public\_html directory, create a subdirectory "cs355" (lowercase "cs") for our course, and set permissions with the commands:

```
$ cd public_html
```

```
$ mkdir cs355
```

```
$ chmod 755 cs355
```

```
$ cd cs355
```

You can use "ls -l" (that is: el es minus el) to see the file/folders and their permissions.

Step 3: Create the homepage placeholder

Open an editor of your choice

Paste in this text

```
<!DOCTYPE html>
<html>
<title>CS 355 Home Page</title>
<body>
<h1>This is my home page for CS 355</h1>
</body>
</html>
```

Feel free to modify to include your name etc.

Save the file as "index.html" (all lowercase)

If you are editing on your own computer, upload this file to the cs355 directory created in Step 3.

Change the permissions on this file too:

```
$ chmod 755 index.html
```

Step 4: Test your webpage

Open a browser of your choice

Type <http://venus.cs.qc.cuny.edu/~LLDDNNNN/cs355/> (where LLDDNNNN is as defined in Step 1)

You should see your homepage.

If you get an error about access/permissions, there is probably an issue with what happened in Step 2.