January 2013   Due: 30 Jan. 2013

Information for Submission Requirements:

For this assignment, you will turn in three items electronically:
- A list of commands used to achieve several tasks;
- Two screen shots (before and after pictures of your U.Va. webpage).

Type the list of commands into the Collab text box for Unix_HW_2
Using Firefox on NX access Collab and upload the screenshots as attachments for Unix_HW_2.

Tasks:

Have you ever noticed the public_html subdirectory in your ITS home directory? By default, all people associated with U.Va. have a webpage linked to their home.html page in public_html.   You can see your homepage at
                    www.people.virginia.edu/~yourid.
For this assignment, you are going make some changes to your webpage.

1. In your public_html directory, copy home.html to home.original. (This is so that you will be able to get back to your original webpage.)

2. Go to your web page and take a screenshot of your webpage BEFORE you make any changes. Upload this screenshot to Collab. (Notice the title of your webpage. You will change it later.)

3. In your public_html directory, make a sub_directory called some_pics.

4. Obtain a listing of the files in /share/apps/tutorials/unix/, printed in chronological order, with the newest file on the bottom.

    - Copy and paste the command that you used and the resulting list into the Collab text box.
    - Identify, in the Collab text box, which file in your list is a directory.

5. Copy the contents of the identified directory into your some_pics directory. (Note: Jot down the most interesting filename in the some_pics directory – you will use the filename in a later step.)

6. Obtain a listing of the files in some_pics, ordered by size.

   - Copy and paste the command that you used and the resulting list into the Collab text box.

7. Edit your home.html file to do the following:
   - Change your title to make it more interesting (your choice on what would make it more interesting);
   - Insert the following line somewhere after the title:

     <img src="some_pics/*filename*.jpg">

     where *filename* is the filename that you jotted down in an earlier step.

   (Note, if you get a permissions denied message, you will need to change the permissions on your public_html directory so that you can read and execute in that directory.)

8. Go to your web page and take another screenshot of your webpage. Upload this screenshot to Collab.

9. Now you can return everything to normal. Delete the directory some_pics. Copy the command that you used in the Collab text box.

10. Finally, restore your original webpage by moving home.original into home.html.

<u>Note</u>: You are on your honor to do your own work on this assignment.