Linux Assignment

Log into the <http://busweb.loras.edu/> web server using a telnet/ssh client program such as “putty”.

Edit the index.html file in your main directory using the pico editor

Set the index.html file so it has links to the following:

Your <http://myweb.loras.edu> page

At least TWO different directories in your busweb site

The TWO different directories need to have a simple “index.html” page in them to display a simple unordered list appropriate for that directory (so you know that you are on a different web page for testing purposes). These pages should include a link to an image – you can either “FTP” this to the busweb server (note: you’ll need to download a program like WinSCP to do this) or just save it on your i: drive in the myweb folder and include the full path name in your <IMG> tag to reference the image. For example, if you created a directory called “trees”, you might set up an index.html file in the trees directory that displays something like this:

Hi, my name is \_\_\_\_\_. I attend Loras College in Dubuque, Iowa. Here are some trees that you might find on our campus:

* Red Oak
* Black Oak
* Locust
* Shagbark Hickory
* Blue Spruce

On your <http://myweb.loras.edu> page, you should have a link back to your <http://busweb.loras.edu> web site. Once you are done updating all these pages, you should be able to easily navigate between all these pages using appropriate hyperlinks. **PRINT OUT a copy of the main web page and turn it in.**

As a review, here are some Linux commands you should practice using:

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| **NUM** | **COMMAND** | **DESCRIPTION** |
| 1 | ls | list files and folders (directories) |
| 2 | ls -l | "long" list of files and folders |
| 3 | ls -la | "long" list of "ALL" files and folders (e.g. "hidden" files) |
| 4 | mkdir \_\_\_\_ | Make a Directory (a new file folder) - replace \_\_\_ with a directory name, e.g. mkdir trees |
| 5 | cd \_\_\_\_ | Change Directory (to \_\_\_ directory) - e.g. cd trees |
| 6 | cd .. | change to the "parent" directory |
| 7 | cd | change to the default directory (just type in cd) - helps if you get "lost" when changing directories |
| 8 | logout | type this when you want to close the session - don't just click on X to close the dialog window |
| 9 | pico \_\_\_ | edits a file, e.g. pico index.html  |
| 10 | cp oldfile newfile | copy an "oldfile" to a "newfile", e.g. cp index.html backup.html |
| 11 | rm \_\_\_\_ | remove a file, e.g. rm junk.htm |
| 12 | rmdir \_\_\_ | remove directory \_\_\_, e.g. rmdir trees will remove the trees folder (note: it must be "empty") |
| 13 | chmod 755 \* | changes the "mode" of your file(s) for OGW - Owner, Group, World (0=none, 1=eXecute, 2=Read, 4=Write) |
| 14 | mesg | lets you know the status of whether you can receive messages or not |
| 15 | mesg y | sets message to "Yes" - you can receive messages |
| 16 | mesg n | sets message to "No" - you won't be bothered by messages |
| 17 | finger \_\_\_ | get "finger" information about a particular user, e.g. finger wh051423 |
| 18 | chfn | change your "finger" information |
| 19 | write \_\_\_ | write a message to a user - use <Ctrl><z> to stop |