Patrick Morley

Weekly Accomplishments and Challenges

Week ending 9/7

Accomplishment: Set up Ubuntu server on my laptop.

Accomplishment: Got started on user creation code using python.

Challenge: Having trouble getting CentOS server on my raspberry pi 3 b+.

Week ending 9/14

Accomplishment: Helped more than 20 people at the library help desk solve problems they were having with printing, BB, excel, access, word and PowerPoint.

Accomplishment: Learning how to navigate through my Ubuntu server, and completed the in-class assignment of finding where the different directories were located (i.e. /etc, /bin).

Accomplishment: Created groups in my Ubuntu server.

Challenge: Having trouble finishing the code for adding users to groups.

Challenge: Still having trouble figuring out how to install CentOS on raspberry pi.

Week ending 9/21

Accomplishment: Finally got my CentOS server up and running on my raspberry pi.

Accomplishment: Helped at least 25 people at the help desk.

Accomplishment: Checked 30+ computers for printer errors and created a report for printer troubleshooting

Accomplishment: Figured out the regex for my user creation script.

Challenge: Must research sed and awk commands.

Week ending 9/28

Accomplishment: Finally turned in my Setup documentation and screenshots for Getting your systems setup part 1.

Accomplishment: Figured out how to use WinSCP to transfer files from my host computer to my VMware server

Challenge: Having some issues with the Sed command

Week ending 10/05

Accomplishment: Completed Grep Assignment

Accomplishment: Figured out the problem with my Sed command (there was a blank line in between each name).

Challenge: Researching Awk command

Week ending 10/12

Accomplishment: Completed Sed and Awk assignment and enjoyed learning about them.

Accomplishment: Continuing to build my servers and write the documentation.

Challenge: Having a really hard time with the user script.

Week ending 10/19

Accomplishment: Helped a student over the phone with a PowerPoint presentation while working the library help desk.

Accomplishment: Did all the updates and install programs and worked with repositories on my Ubuntu server.

Accomplishment: Almost finished documentation and midterm presentation.

Challenges: Decided to change from using Python to bash scripting for creating user script.

Challenges: Having some trouble setting up emergency boot.

Week ending 10/26

Accomplishment: Figured out how to set up Wi-Fi network on my raspberry pi CentOS server

Accomplishment: Figured out how to extend the root partition on my CentOS server to create more space so I could finish installing my programs

Challenge: Having difficulty creating script for network dump.

Week ending 11/02

Accomplishment: Completed all of continued setup for my Ubuntu server.

Challenge: Having difficulty installing Fail2Ban, cowsay and fortune.

Week ending 11/09

Accomplishment: Completed script for network dump on my Ubuntu server.

Challenge: Researching iptables and firewalls, a lot of information.

Week ending 11/16

Accomplishment: Completed script for network dump on my CentOS server.

Accomplishment: Completed continued setup for CentOS server.

Accomplishment: Revised Getting your systems set up pt 1, Setup Documentation, and uploaded all revised and completed work to GitHub.

Challenge: Figured out how to SSH into my raspberry pi CentOS server from home, but still having trouble accessing it out of my house. Need to learn more about iptables.

Week ending 11/23

Accomplishment:

Challenge: