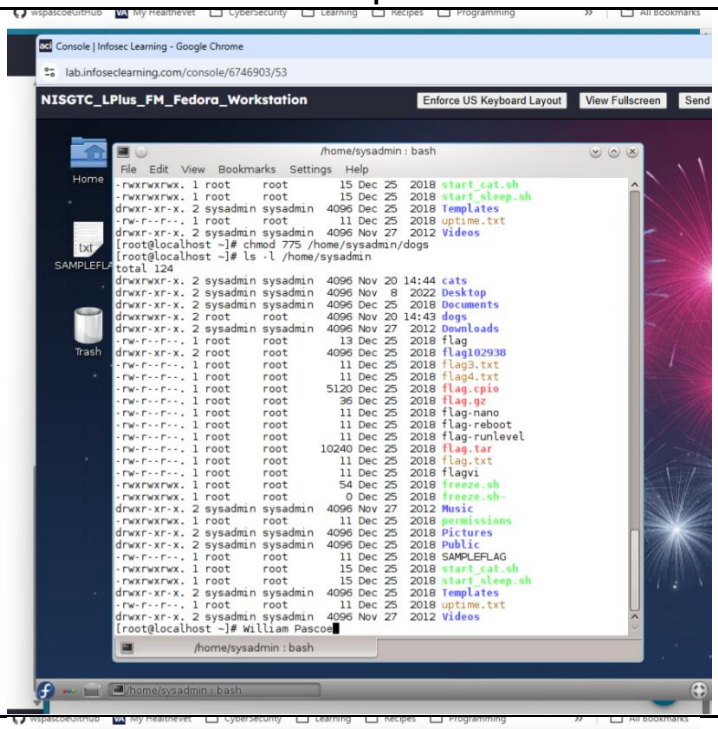
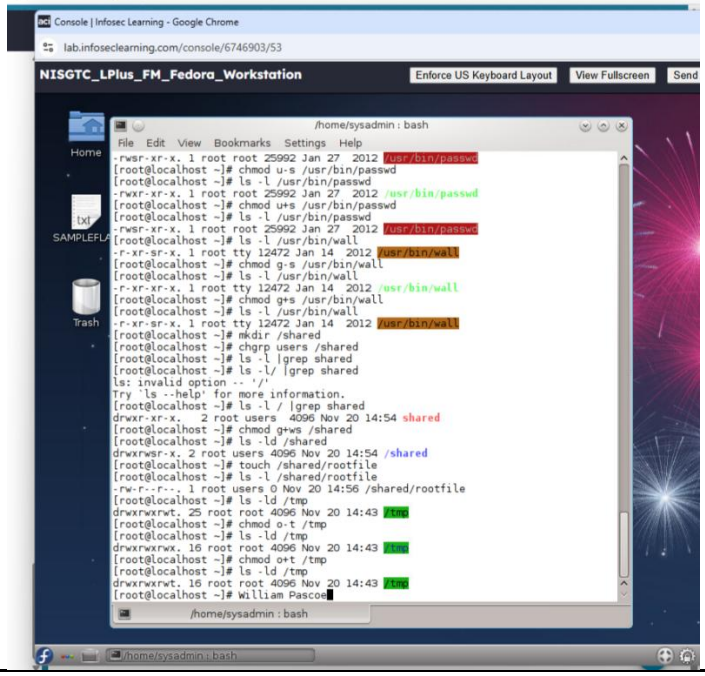
Southern New Hampshire University

CYB 230 Module Four Lab Worksheet

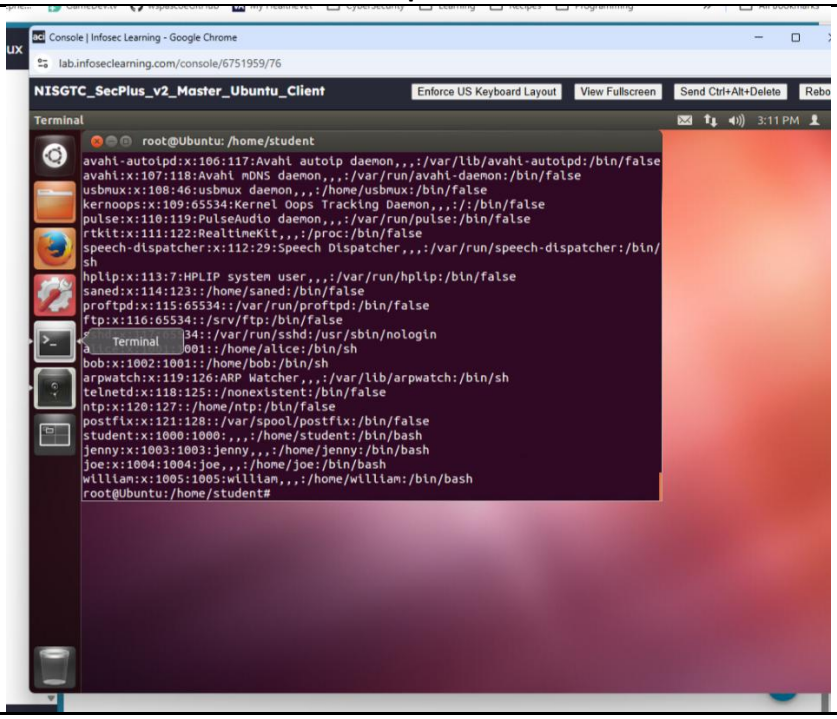
Complete this worksheet by replacing the bracketed phrases in the Response column with the relevant information.

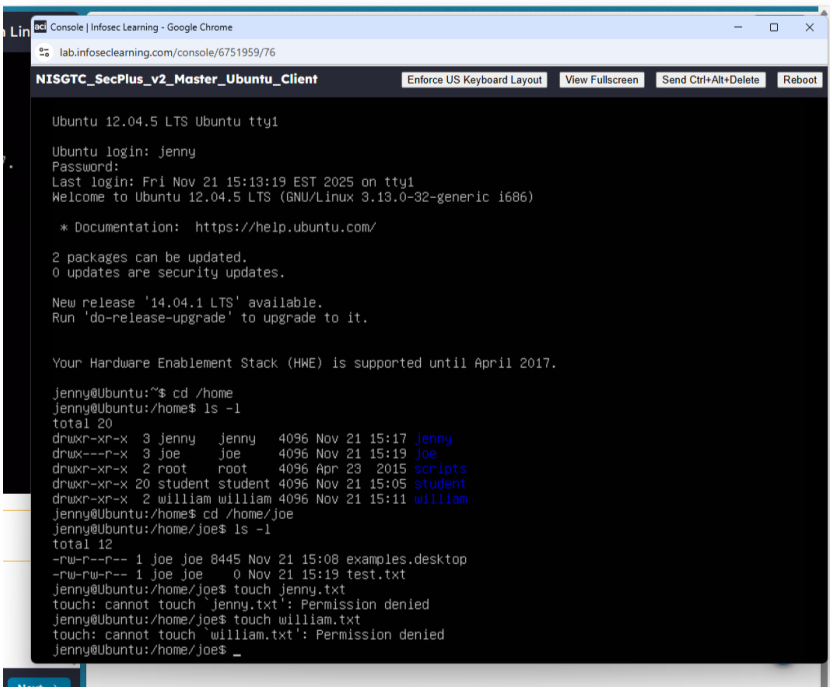
Lab: Working With Files

Prompt	Response
In the lab section “Using Chmod to Change Permissions,” insert your name at the command line below the ending output and include it in your screenshot.	
In the lab section “Setting Special Permissions,” insert your name at the command line below the ending output and include it in your screenshot.	

Prompt	Response
Implementing the sticky bit on the directory can stop people from accidentally deleting files that they don't own. How can this technique be used to implement the concept of least privilege, and how can it be used to assure file availability?	Using the sticky but ensures least privilage because only the olwner of the file or the root user can delete the file. This also ensures that no one else can delete it thus it will ensure availability.

Lab: Permissions, Users, and Groups in Linux

Prompt	Response
After completing the lab section "Adding Groups, Users, and Passwords," **repeat the steps to** add another user using your first name. Provide a screenshot of the **cat etc/passwd** command when you are done.	

Prompt	Response
After completing the lab section "Absolute Permission," repeat the process using your first name as the text file. Provide a screenshot of the output. **Note:** By default, some computer systems use the key sequence **Ctrl+Alt+F1** to access a shortcut for other programs such as the Intel Graphics Control Panel. If this is the case, you will need to change the key sequence from the default to complete this step. To exit the tty1 or tty2 window, use the key sequence **Ctrl+Alt+F7**.	
Using the **chmod** command, which commands would you use to set the following permissions to a file called **Answers.txt**? (Provide the one line used at the command line for each bulleted item.) • User (read and write), group (execute) other (execute) • User (read, write, execute), group (read and execute) other (write and execute) • User (write), group (read) other (none)	chmod 611 Answers.txt chmod 753 Answers.txt chmod 240 Answers.txt

Lab: Log Analysis

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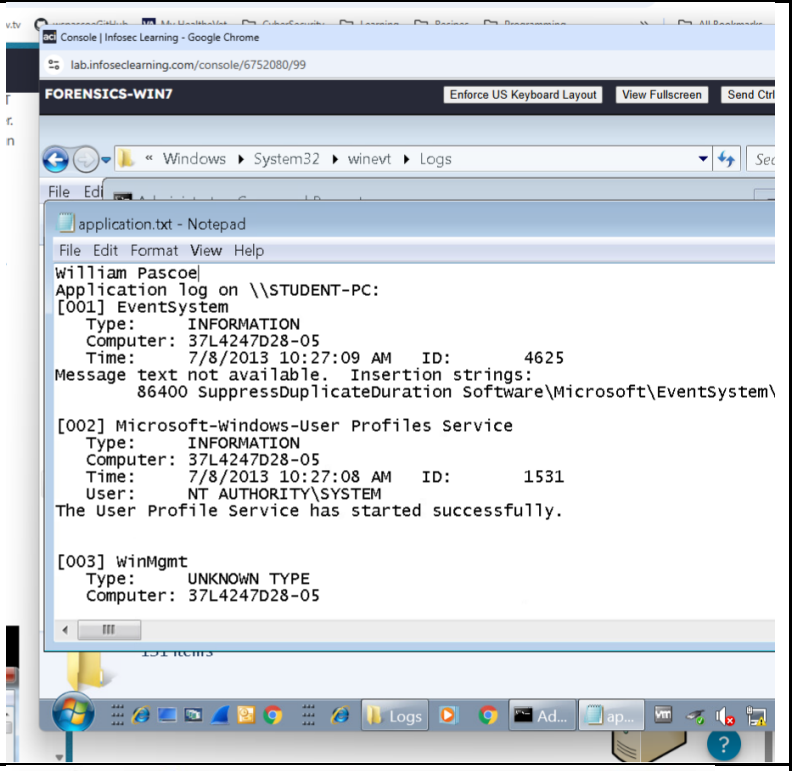
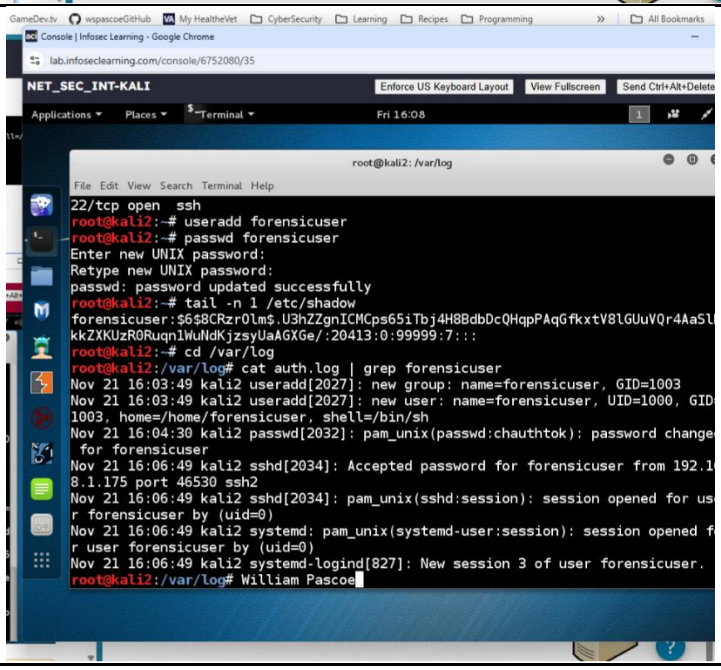
Prompt	Response
In the lab section “Examining Windows Event Logs, IIs Logs, and Scheduled Tasks,” add your name as the top line of the file and then take a screenshot.	
In the lab section “Examining Linux Log Files,” insert your name at the command line below the ending output and include it in your screenshot.	
What is the importance of maintaining clean log files that are well formatted?	The reasdon that you want to keep log files clean and well formatted is so that when you looking for information, like searching for a particular event, you are not bombarded with a bunch of opld entries and that the ones that do return are formateed to be able to read them quickly to determine if they warrant further investigation.

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