Old Dominion University CYSE 270 Linux System for Cybersecurity Assignment #3- Working on VI editor

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Connect to the Ubuntu VM, then complete the following practice.

- 1. Copy file /usr/share/doc/ubuntu-docs/copyright
- 2. Perform a long list in your current directory.
- 3. Open the file copyright in a vi editor.



FIG.1

In FiG.1, I was able to perform step 1 by using the cp command to copy /usr/share/doc/ubuntudocs/copyright and setting the file destination to my home directory using the ~. For step 2, I used the "Is -I" command to receive a long list of my home directory (which was my current directory). Finally for step three, I was able to open the file copyright by using the open command followed by the filename. Step 4: Move to line 15, then insert your MIDAS ID in the same line with the following format:

Step 5. "****MCOLE****" (I have already replaced X with my MIDAS ID)

Step 6: Return to the Command mode

Step 7. Open a new line below the current line

Step 8. Return to the command mode.

Step 9. Use command to Insert "****MCOLE****" five times.

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In Fig.2 above, for step 4, I used the command, :15, to move to line 15. I then was able to get to the Insert mode by pressing I, and then was able to add my ****mcole**** to the beginning of line 15. For step 6, I returned to the command mode by pressing the ESC button. For step

seven, I used the command . For step 8, I used the ESC button to go back to the command. For step 9, I moved back to the Insert mode by pressing I and inserted my MIDAS ID 5 times.

Step 10. Use command to return to the top of the file.

- Step 11. Move forward three sentences.
- Step 12. Move forward four words

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FIG.3

For step 10, I used the command "gg" to return to the top of the file. Then to execute Step 11, I used the command I used the command 3(which moved me three sentences forward. For step 12, I used the command 4w to move forward four words.

Step 13. Search for the word example.

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FIG.4

In fig.4, I showed the result of searching for the word example. I used the command "/example" to show where the word was. I did not find another occurrence.

Step 14. Continue to the next occurrence of the search term example. Step 15. Delete the current word example.

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FIG.5

For step 15, I used the command X to delete the word example.

Step 16. Delete the current line.



To delete the current line I was on, I used the command "dd" to delete the line.

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Step 17. Use command to jump to the end of the file.



For step 17, I used the command ESC+G+A to move to the bottom of the file.

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For step 18, I used the CTRL+SHFT+C to copy line 16, then used the ESC+G+A to move to the end of the file and pasted line 16 using CTRL+SHIFT+P.

Step 19. Replace all occurrences of http with HTTP throughout the document. Step 20. Save and guit the document.



FIG.9

For step 19, I used the command ":s /http/HTTP" to change all occurrences of http to HTTP throughout the document. For step 20. I then used the : wq command to save and quit the document.