

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.

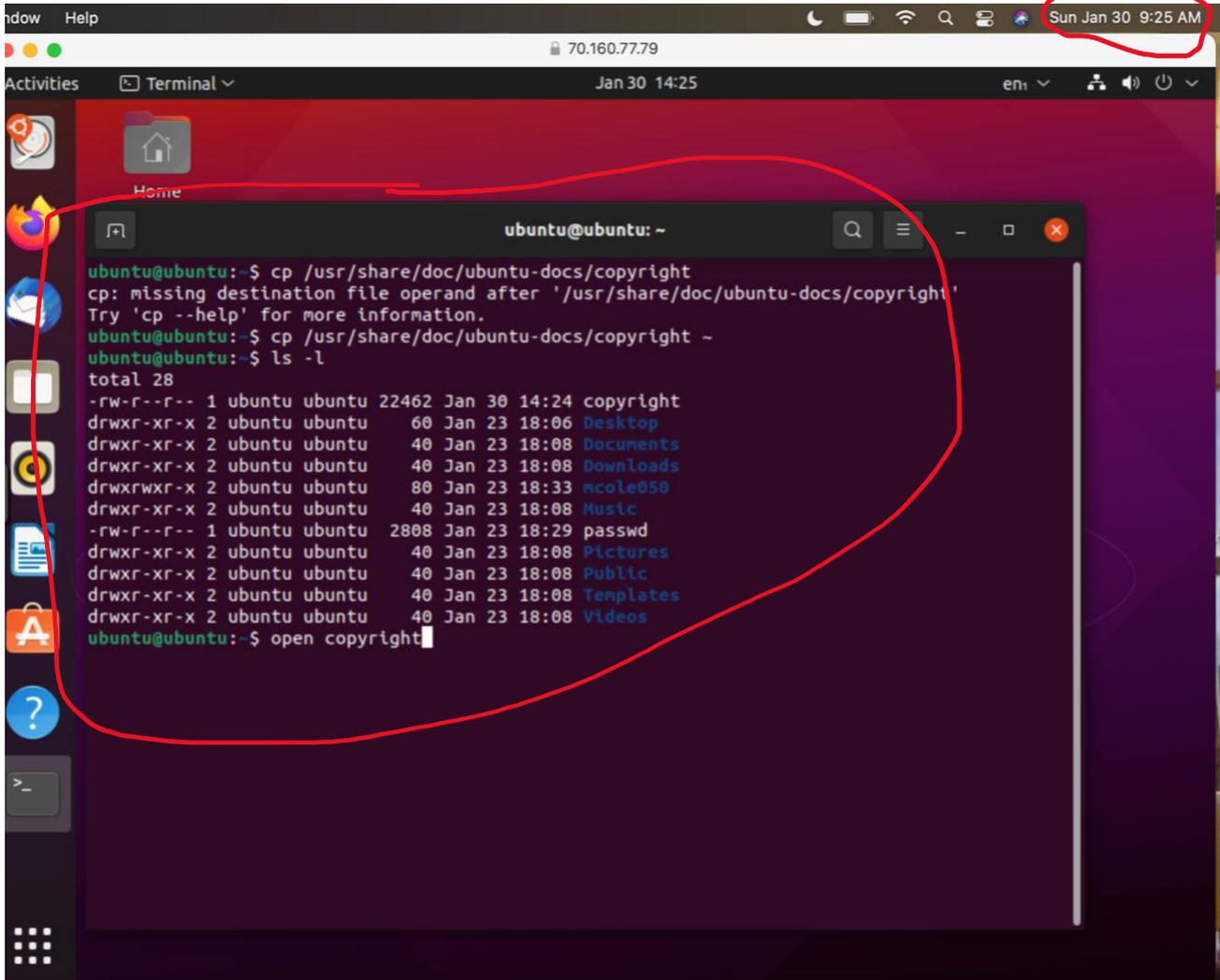


FIG.1

In FIG.1, I was able to perform step 1 by using the `cp` command to copy `/usr/share/doc/ubuntu-docs/copyright` and setting the file destination to my home directory using the `~`. For step 2, I used the `ls -l` 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.

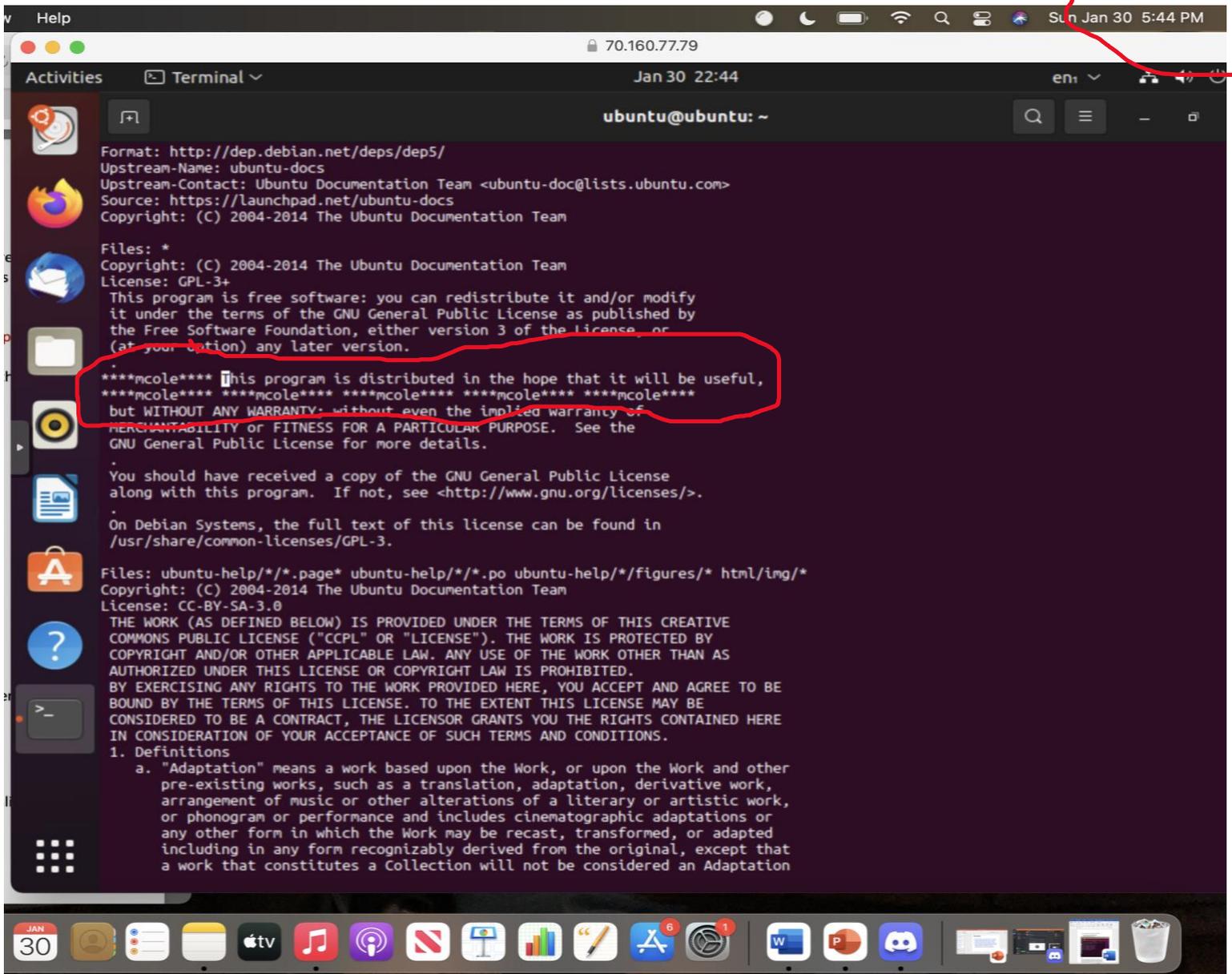


FIG.2

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 `gg` to return to the top of the file.

Step 11. Move forward three sentences.

Step 12. Move forward four words

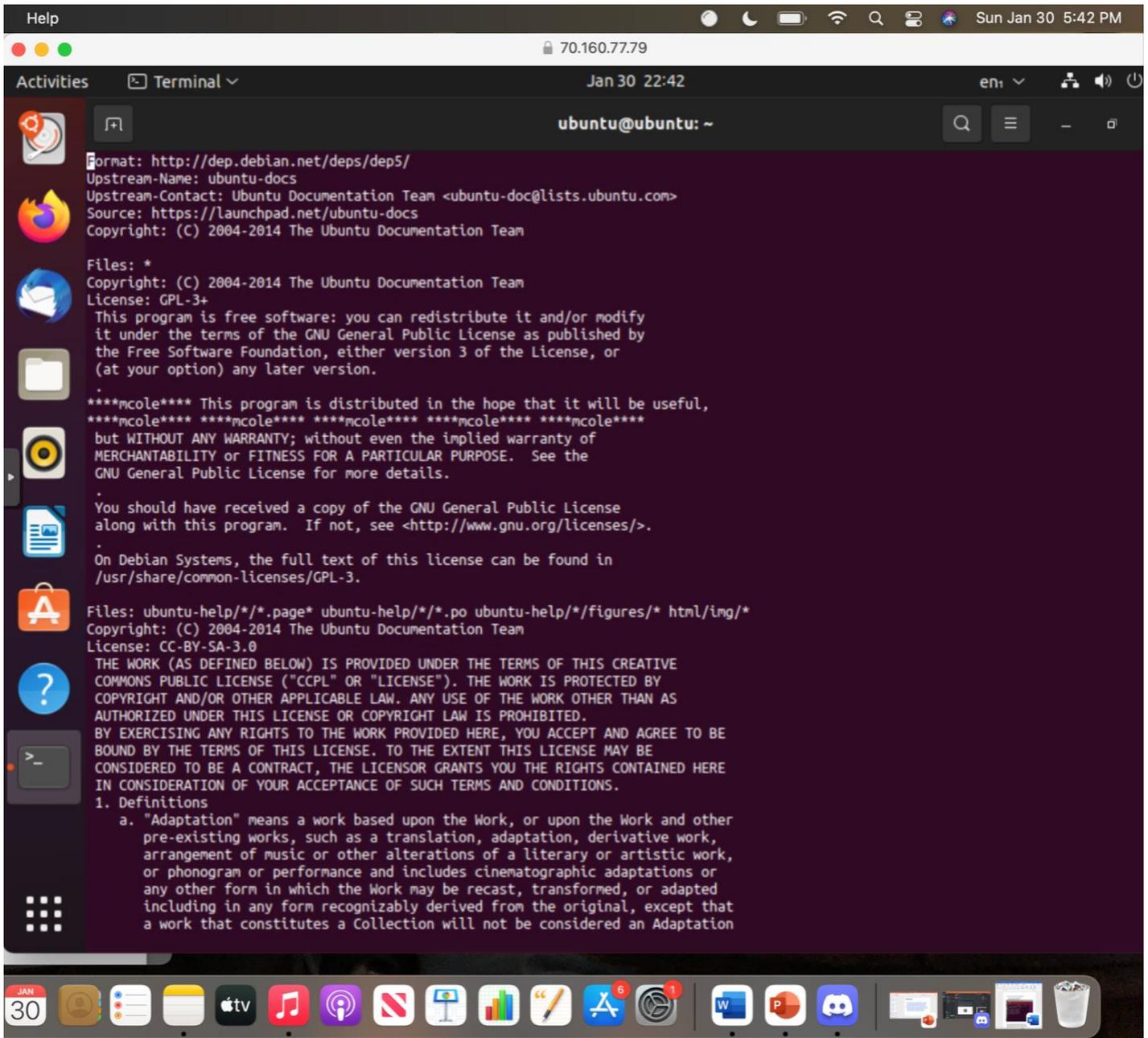


FIG.3

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 `3` (which moved me three sentences forward). For step 12, I used the command `4w` to move forward four words.



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

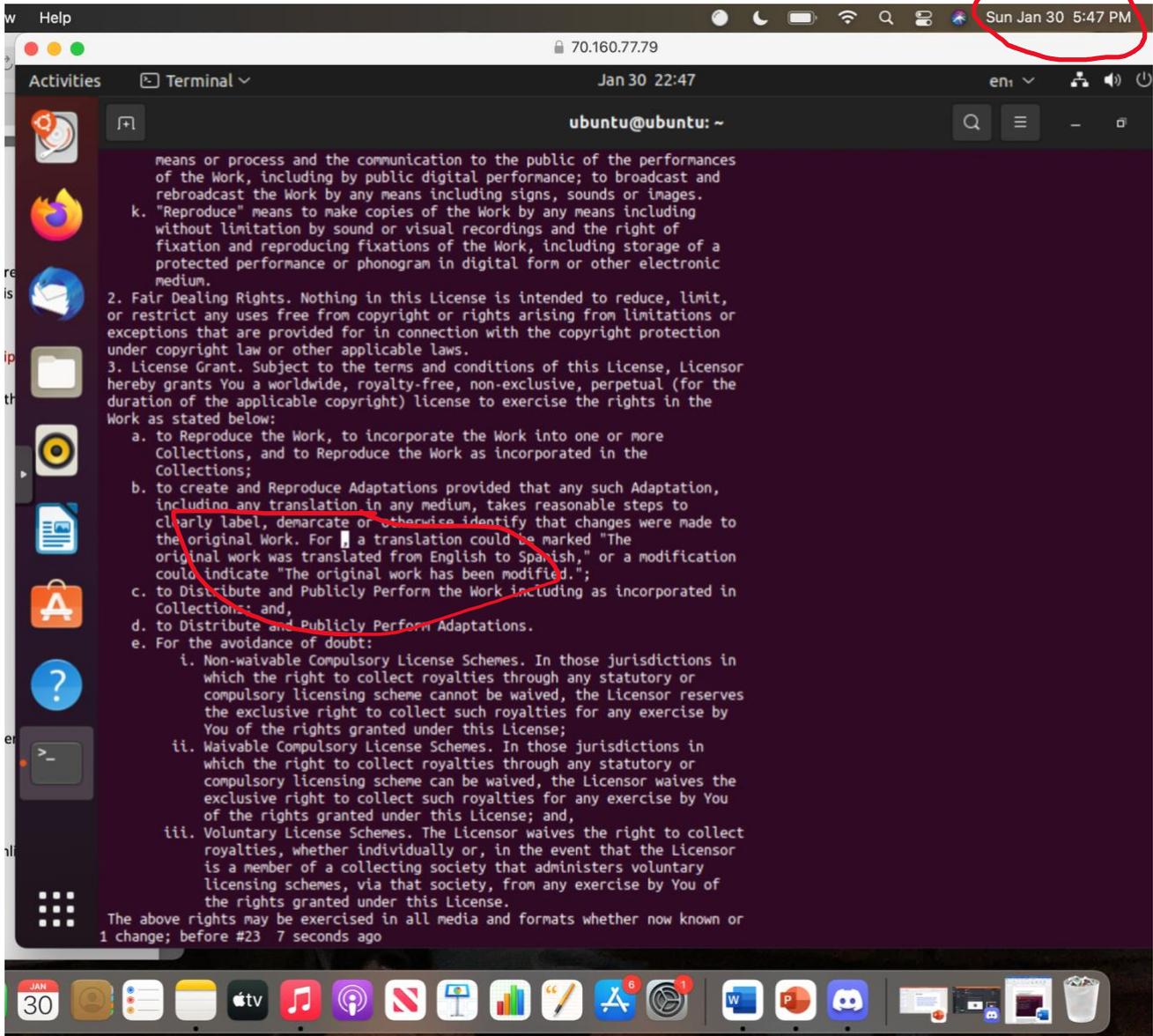


FIG.5

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

Step 16. Delete the current line.

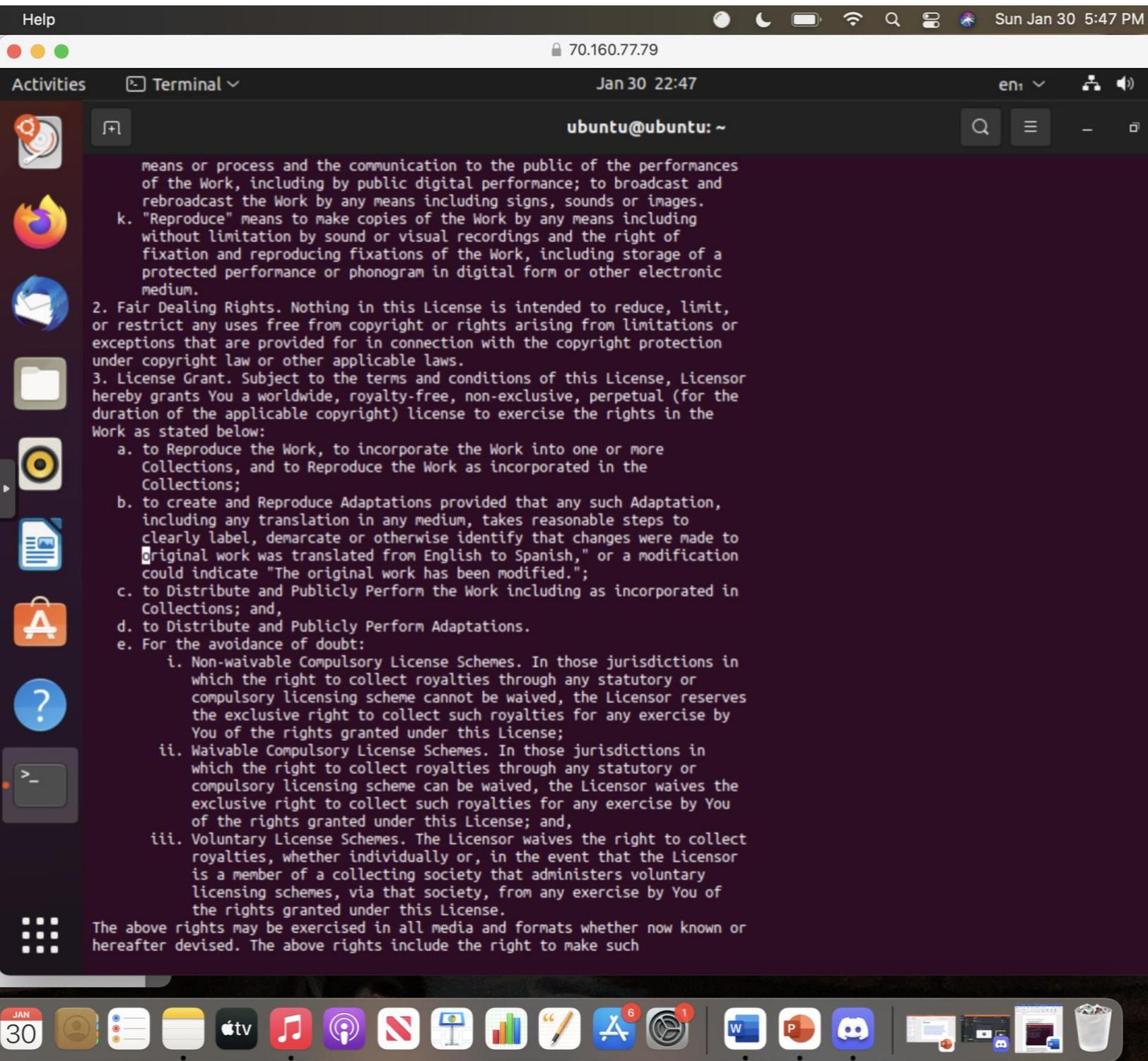


FIG.6

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

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

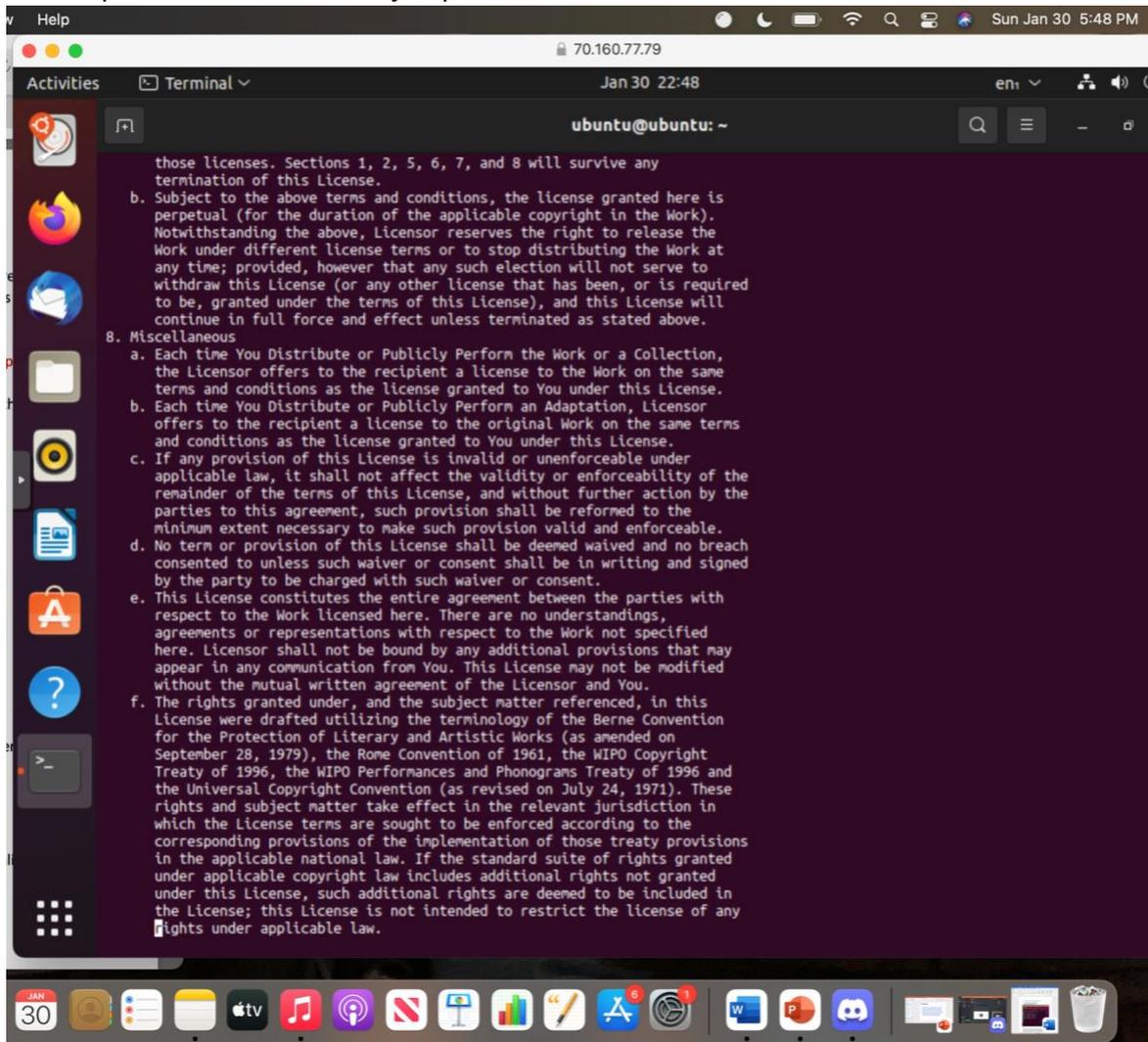


FIG. 7

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

Step 18. Copy line 16 and paste the text at the end of the document.

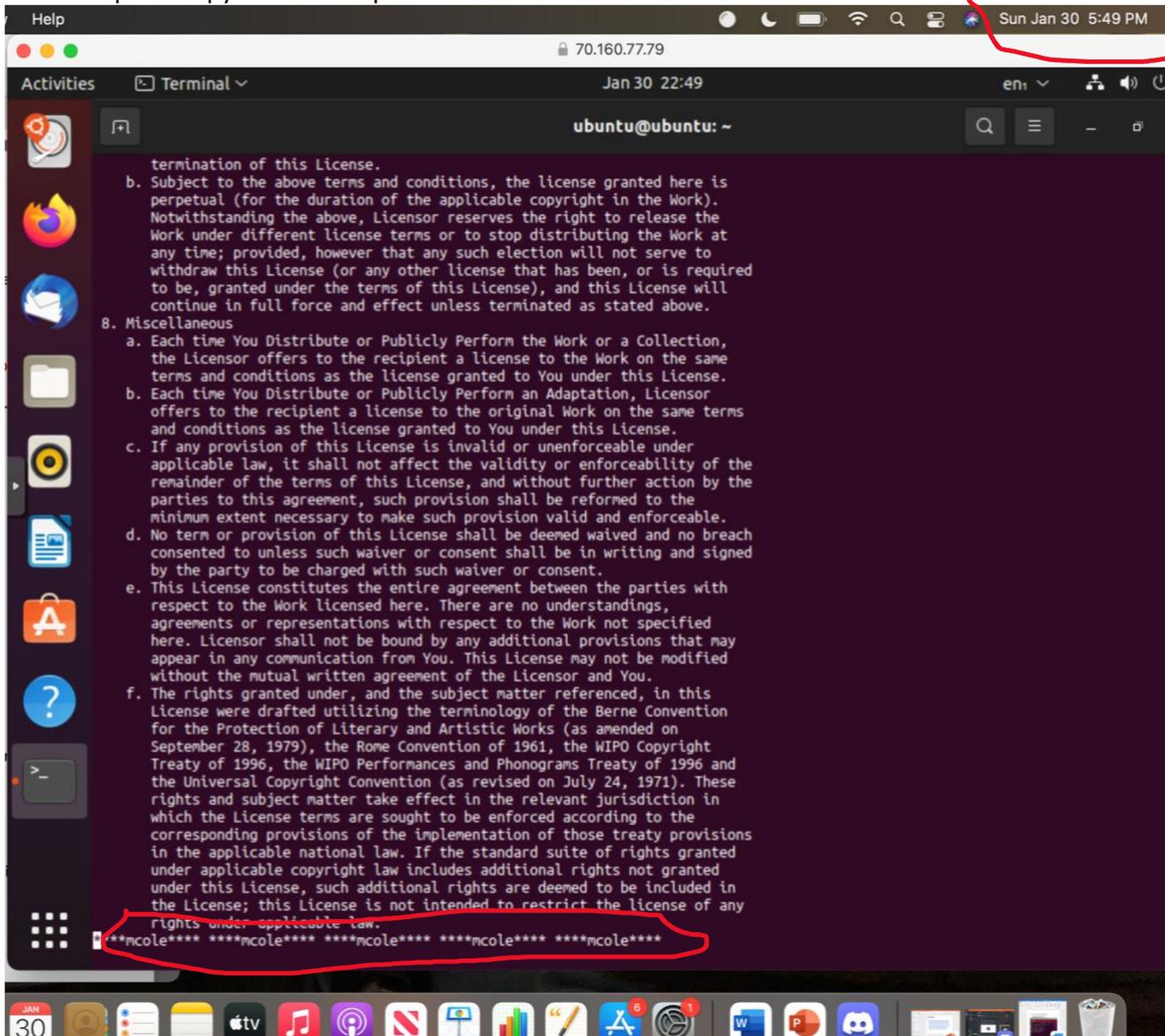


FIG. 8

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 quit the document.

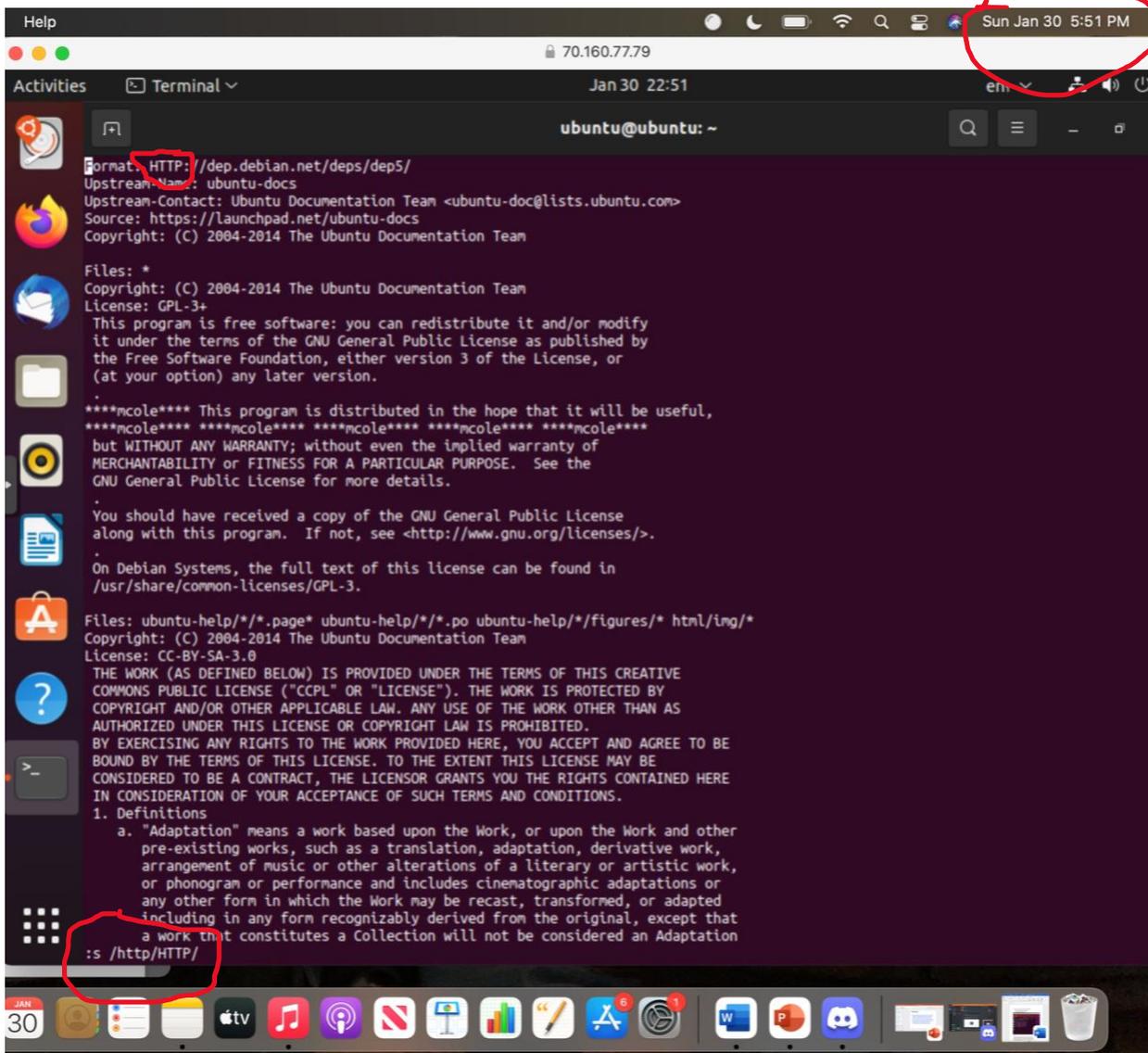


FIG.9

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.