

# **CYSE 270: Linux System for Cybersecurity**

Assignment: Lab 3 – VI Editor

## Task: vi Practice on Ubuntu / Kali Linux (20 \* 5 = 100 points)

Open the terminal in your VM, then complete the following tasks. Please take the screenshots of all the necessary commands that you execute for each step.

**NOTE:** You may write the correct vi editor commands, if screenshot is not applicable. Please see the note added to some steps below.

1. Copy file `/usr/share/doc/git/copyright` to your home directory. [**NOTE:** You can use any text file that is large if you cannot find this file on yours]
2. Perform a long list in your current directory using the correct command.
3. Open the file `copyright` (or any file that is large enough with multiple lines of text) in a vi-editor using `vi` command.
4. Move to line 15, then insert your MIDAS ID in the same line with the following format:  
  
**\*\*\*\*XXXX\*\*\*\*** (replace XXXX with your own MIDAS name).
5. Return to the command mode (using ESC key).
6. Open a new line below the current line using correct command (please refer to slides with the list of commands used in vi editor)
7. Return to the command mode.
8. Use command to Insert "\*\*\*\*XXXX \*\*\*\*" five times.
9. Use command to return the top of the file. [Please write the correct command for this step]
10. **Move forward three sentences.** [Please write the correct command for this step]
11. **Move forward four words.** [Please write the correct command for this step]
12. Search for the word `example`. [Please take the screenshot for this step to submit]
13. Continue to the next occurrence of the search term `example`. [Please take the screenshot for this step to submit]
14. Delete the current word, `example`. [Please take the screenshot for this step to submit]
15. Delete the current line. [Please write the correct command for this step]
16. Use command to jump to the end of the file.

17. Copy line 16 and paste the text at the end of the document. [Please write the correct command for this step]
18. Replace all occurrences of `http` with `HTTP` throughout the document. [Please take the screenshot for this step to submit]
19. **Rename** the file `copyright` to `copyright_cyse270` [Please take the screenshot for this step and submit]
20. Save and quit the document. Then **submit all the screenshots** of previous steps along with the command name on canvas, in word or pdf file..

**Please note:**

You can use one screenshot to cover multiple steps. Make sure you highlight and annotate important information.