

## CYSE 270: Linux System for Cybersecurity

### Assignment: Lab 3 – VI Editor

#### Goal

- Practice using the vi editor.

#### Notes:

- Remember the “**modes**” in the vi editor.
- You may use the “**Escape**” key to return to command mode if you get confused and need to start over.

#### Submission Instructions

- Take **screenshots** for each step you perform and **write down the correct command** corresponding to each step number. Submit this in a **PDF** file.



## Task: vi Practice on 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 and submit the screenshots with their step number in a pdf file.**

**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 the file **/usr/share/doc/zstd/copyright** to your home directory. **Screenshot**
2. Perform a **long list** in your **home** directory using the correct command. **Screenshot**
3. Open the file **copyright** in a vi-editor using **vi** command. **Screenshot**
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). **Screenshot + Write Command.**
5. Return to the command mode. **Write Command**
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). **Screenshot + Write Command.**
7. Return to the command mode. **Write Command**
8. Use command to Insert **“\*\*\*\*XXXX \*\*\*\*”** **five** times. **Screenshot + Write Command**
9. Use command to return the **top** of the file. **Screenshot + Write Command**
10. **Move forward three sentences.** **Screenshot + Write Command**
11. Move forward **four words**. **Screenshot + Write Command**
12. Search for the word **example** or any word existing in the document that you are using for lab-3. **Screenshot + Write Command**



13. Continue to the next occurrence of the search term **example**. **Screenshot + Write Command**
14. Delete the current word, **example**. **Screenshot + Write Command**
15. Delete the current line. **Screenshot + Write Command**
16. Use command to jump to the **end** of the file. **Screenshot + Write Command**
17. Copy **line 16** and paste the text at the end of the document. **Screenshot + Write Command**
18. Replace all occurrences of **http** with **HTTP** throughout the document. **Screenshot + Write Command**
19. **Save and quit** the document. **Screenshot + Write Command**
20. **Rename** the file **copyright** to **copyright\_cyse270**. **Screenshot + Write Command**

Please note:

Make sure you **highlight and annotate** important information.