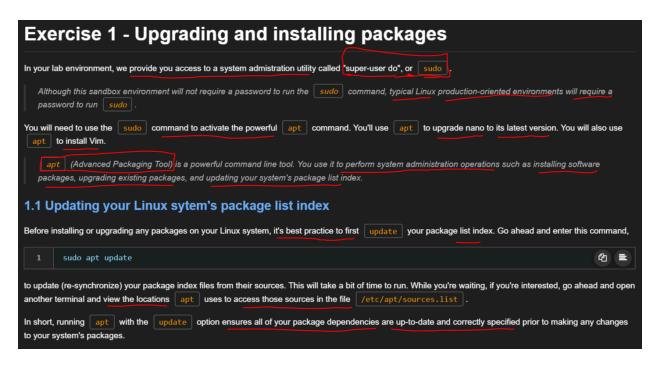
Hands-on Lab: Installing, Updating, and Working with Text Editors

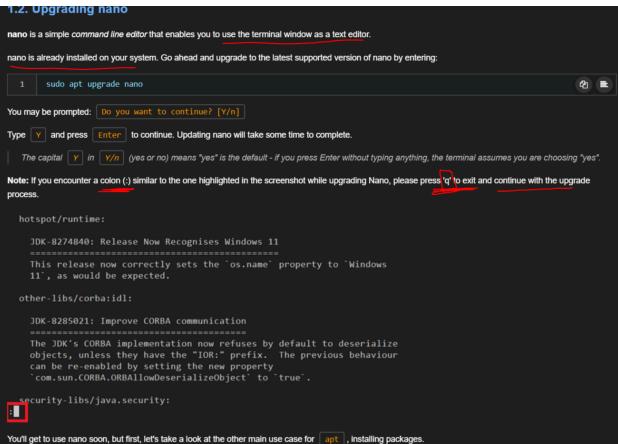


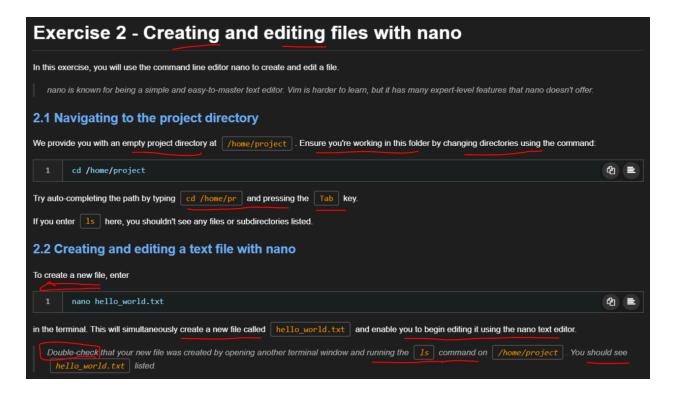
Learning Objectives

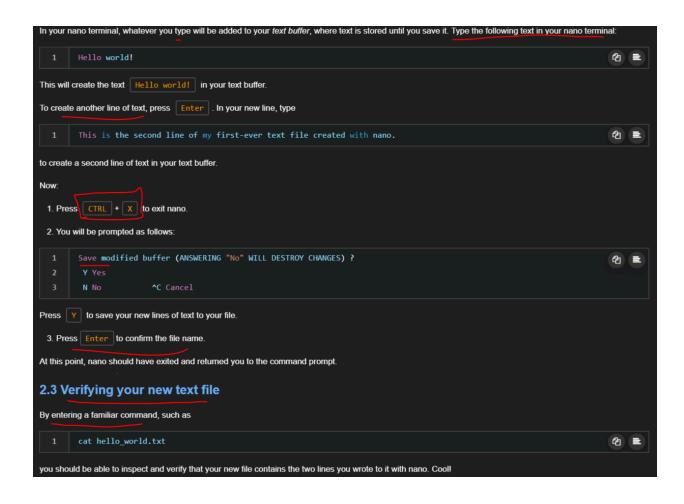
After completing this hands-on lab, you will be able to:

- Use the sudo command to enable access to "super-user" system administration tools
- Use the apt system administration command to update and install two popular packages for text editing: nano and Vim
- · Create and edit files using nano
- · Create and edit files using Vim





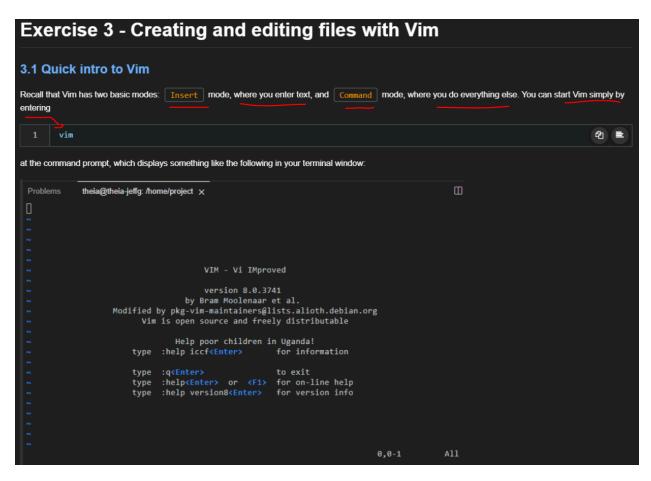


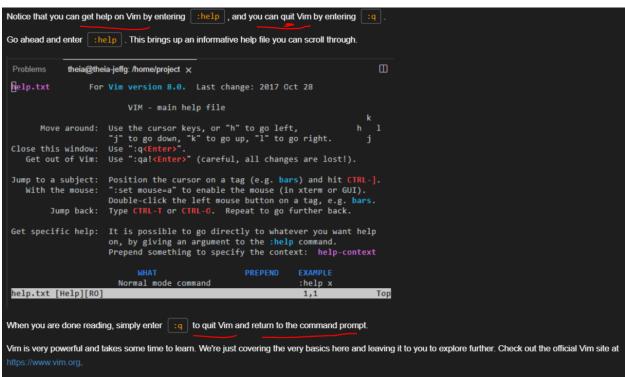


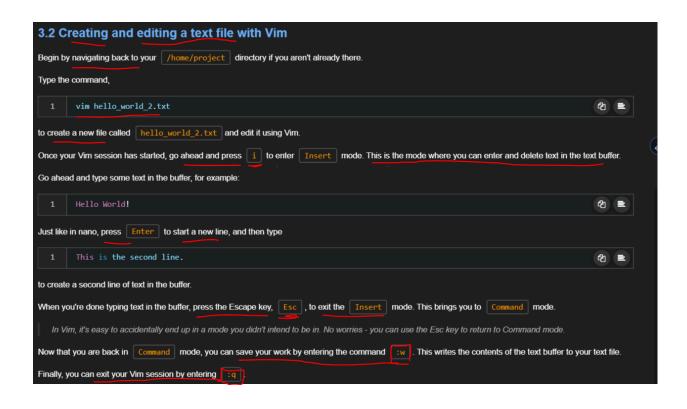
```
            ∑ theia@theia-naimbenalaya: /home/project ×

-naimbenalaya: /home/project
  GNU nano 6.2
                           hello_world.txt
Hello naim
this is the second line of my first-ever tect file cretaed wit>
                        [ Read 4 lines ]
            Help
                                                     Execute
                                      ^U Paste
   Exit
                                                     Justify
```

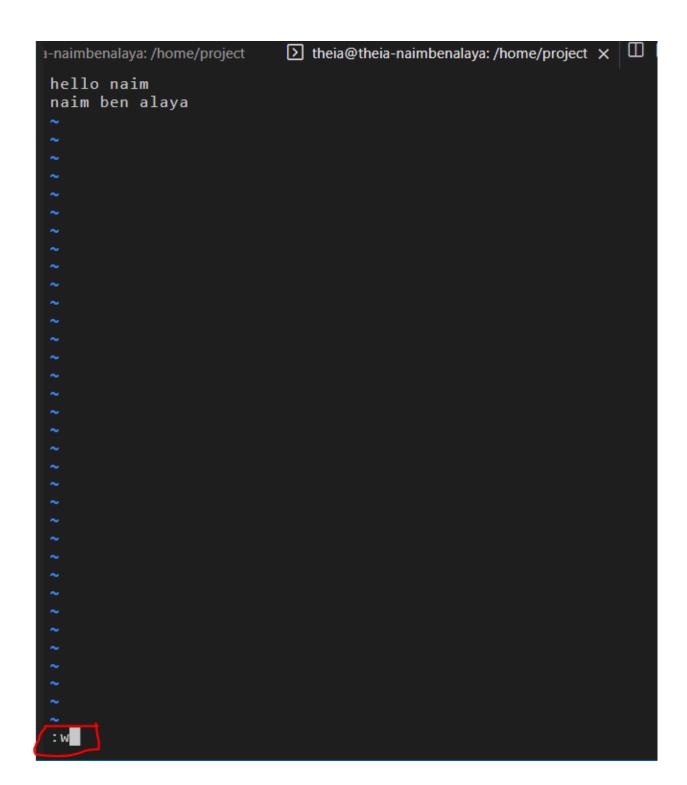
theia@theia-naimbenalaya:/home/project\$ nano hello_world.txt
theia@theia-naimbenalaya:/home/project\$ cat hello_world.txt
Hello naim
this is the second line of my first-ever tect file cretaed with
nano
CA







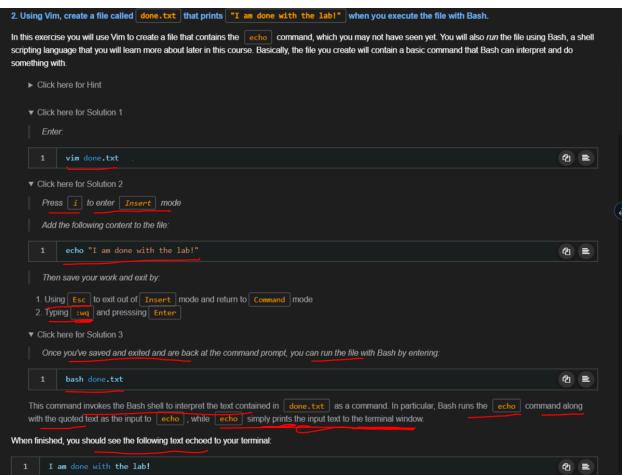
```
₃-naimbenalaya: /home/project 🔀 theia@theia-naimbenalaya: /home/project 🗶 🔟
hello naim
naim ben alaya
 -- INSERT --
                                                    2,15
```



```
lacktriangle theia@theia-naimbenalaya: /home/project lacktriangle
1-naimbenalaya: /home/project
 hello naim
 naim ben alaya
```

```
theia@theia-naimbenalaya:/home/project$ vim hello_worl2d.txt
theia@theia-naimbenalaya:/home/project$ cat hello_worl2d.txt
hello naim
naim ben alaya
```





```
a-naimbenalaya: /home/project

≥ theia@theia-naimbenalaya: /home/project X □ □

echo "I am nai<mark>m</mark>"
"done.txt" 1L, 17B
                                                          1,15
                                                                            A11
```

```
theia@theia-naimbenalaya:/home/project$ vim done.txt
theia@theia-naimbenalaya:/home/project$ bash done.txt
I am naim
```

Summary

Congratulations! You've just gained a lot more hands-on experience with the Linux terminal!

By now you are beginning to understand a lot more about how your Linux system functions. In this lab, you learned how to:

- Perform some fundamental sys admin operations, such as updating your package list, upgrading existing packages, and installing new packages
- Create and edit a few text files using some serious command-line text editors, nano and Vim
- Understand how the Bash scripting language can be used to interpret commands you include within a text file

Keep up the great work! We still have many more exciting things for you to explore, and we hope your enthusiasm for Linux is growing!

As usual, if you ever feel like you might have missed anything important or just want some extra practice, you can always return to this lab again. Explore and experiment to your heart's content.