Assignment: Lab 1– Basic Linux commands

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CYSE 301

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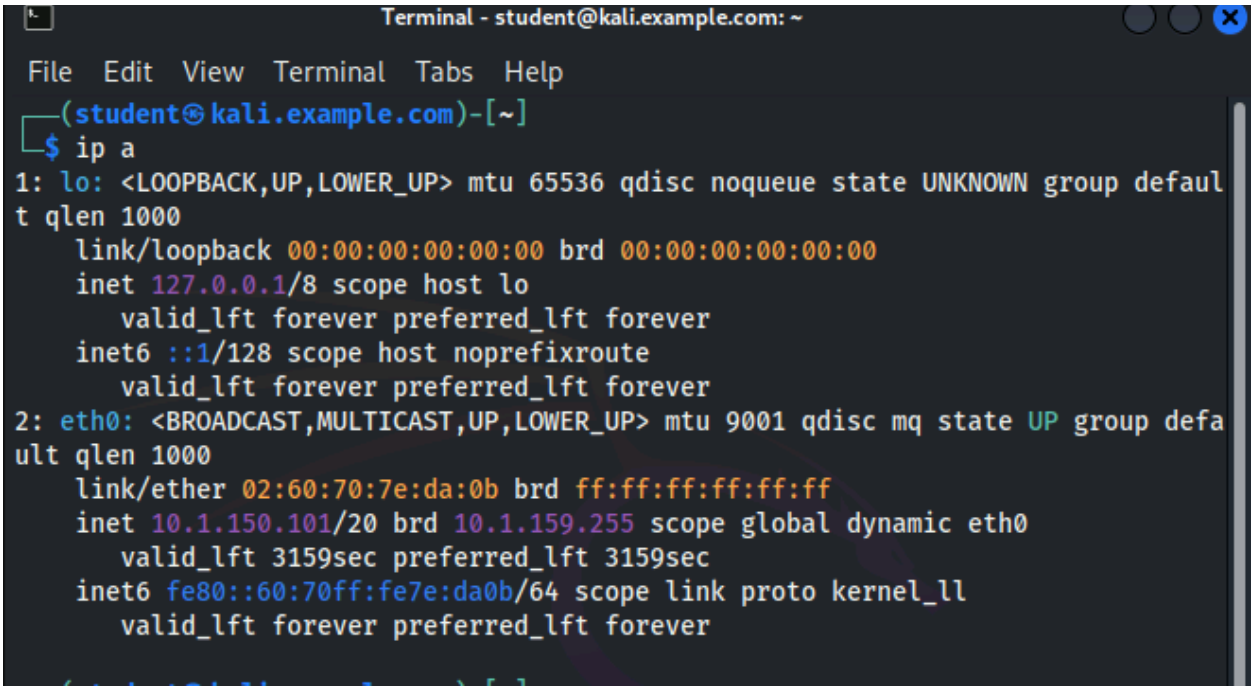
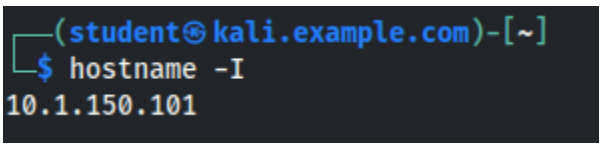
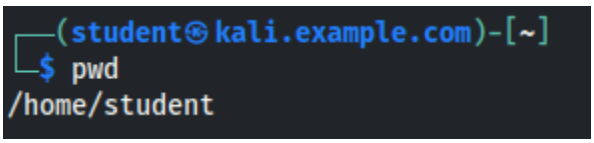
Step 1:





For this step I used the commands " ip a" as well as the command "hostname -I" to display the network information of my Linux machine including my ip address or just my ip address.

Step 2:



The command "pwd" show my current directory I am working in to ensure that the work I am doing is within the write area.

Step 3-4:

```
┌──(student㉿kali.example.com)-[~]
└─$ echo "Justin White"
Justin White

┌──(student㉿kali.example.com)-[~]
└─$ echo -e "Justin\nWhite"
Justin
White
```

I used the “echo” command to print my name in the terminal on a single line. While I used the “echo -e xxx\nxxx” command to ensure that my name was split onto two separate lines.

Step 5:

```
┌──(student㉿kali.example.com)-[~]
└─$ cd ~

┌──(student㉿kali.example.com)-[~]
└─$ cd /home/student
```

I navigated to my home directory using the “cd” command both with the shortcut “ ~ “ and the full absolute path.

Step 6:

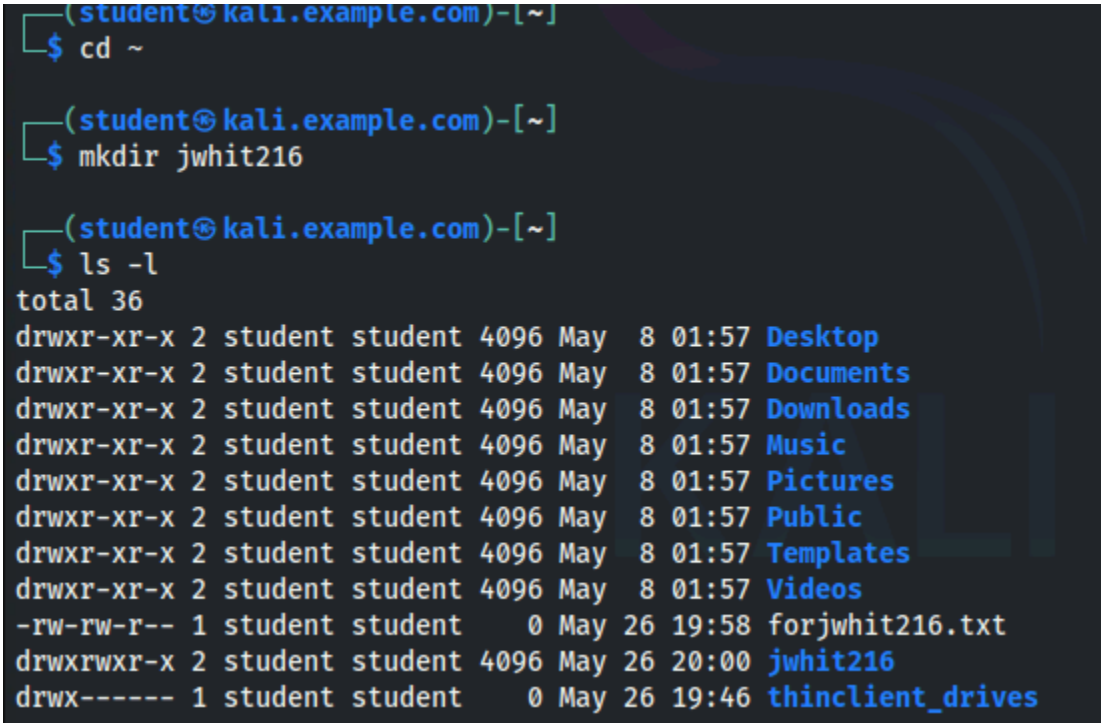
```
┌──(student㉿kali.example.com)-[~]
└─$ cd ~

┌──(student㉿kali.example.com)-[~]
└─$ touch forjwhit216.txt

┌──(student㉿kali.example.com)-[~]
└─$ ls -l
total 32
drwxr-xr-x 2 student student 4096 May  8 01:57 Desktop
drwxr-xr-x 2 student student 4096 May  8 01:57 Documents
drwxr-xr-x 2 student student 4096 May  8 01:57 Downloads
drwxr-xr-x 2 student student 4096 May  8 01:57 Music
drwxr-xr-x 2 student student 4096 May  8 01:57 Pictures
drwxr-xr-x 2 student student 4096 May  8 01:57 Public
drwxr-xr-x 2 student student 4096 May  8 01:57 Templates
drwxr-xr-x 2 student student 4096 May  8 01:57 Videos
-rw-rw-r-- 1 student student    0 May 26 19:58 forjwhit216.txt
drwx------ 1 student student    0 May 26 19:46 thinclient_drives
```

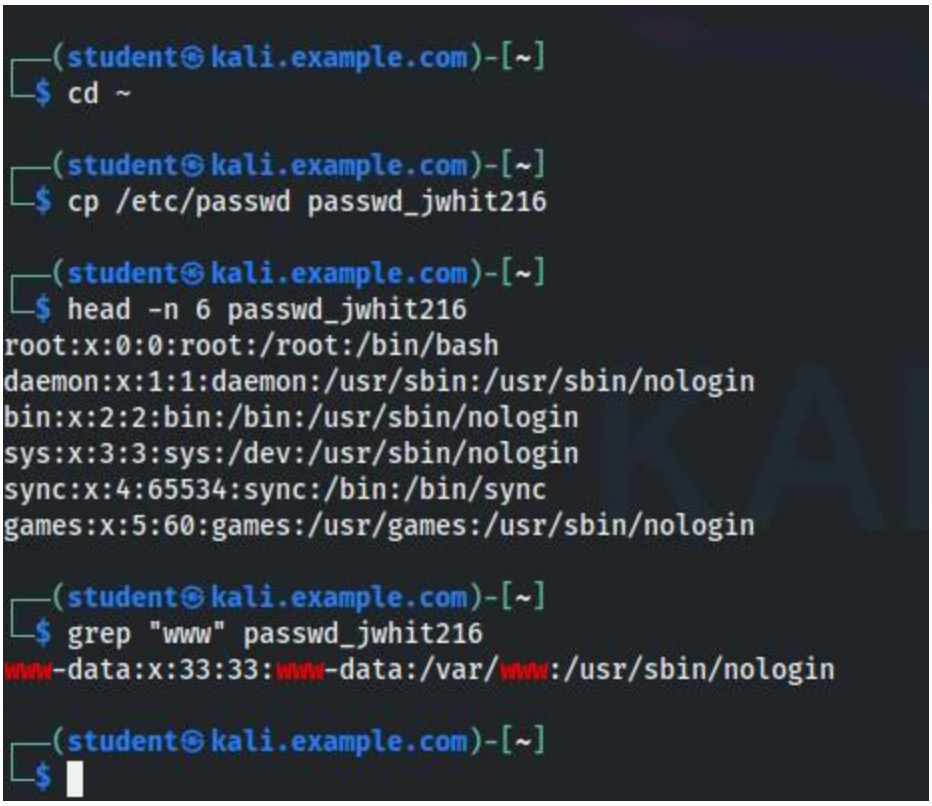
I created a file named “forjwhit216.txt” using the “touch” command. The command “ls -l” outputs the size of the files. The size of the file displays 0 because it is an empty file.

Step 7:



I created a folder named after my MIDAS ID using the command “mkdir” which created a directory. After I used the command “ls -l” which shows the files and directories also displaying the size which is 4096 bytes.

Step 8:



I copied the command "/etc/passwd" to my home folder with a new name. Then used the command "head" to display the first six lines which I then used the "grep" command to search for entries containing "www".