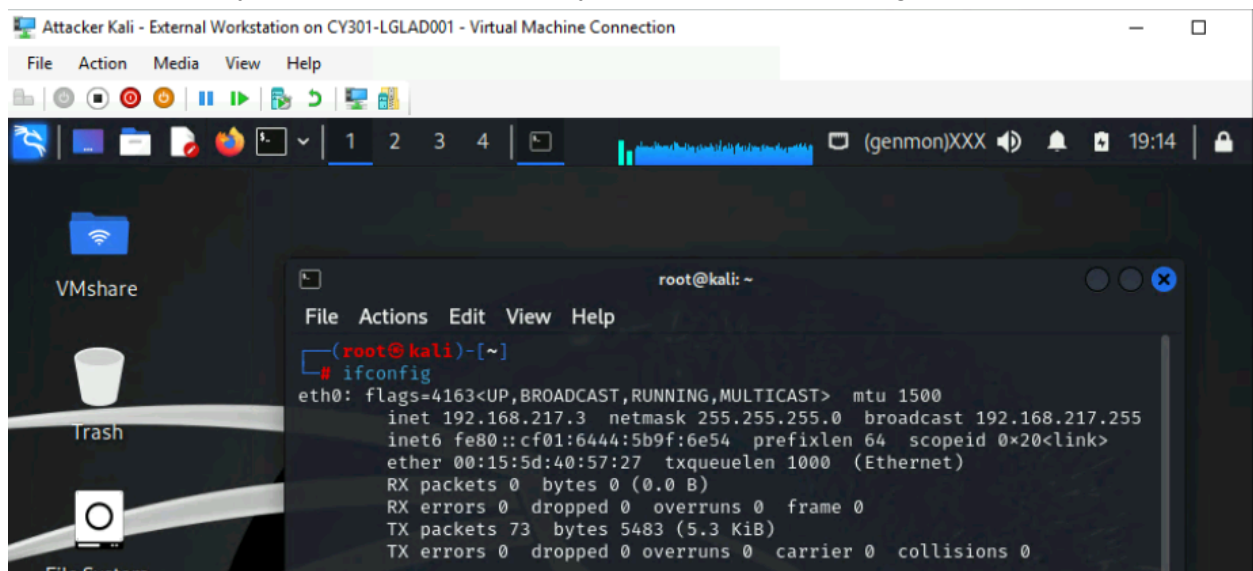Task A: Practice with the Basic Linux Commands

1. (10 pt) How do you find the IP address of your Linux machine using the command line?
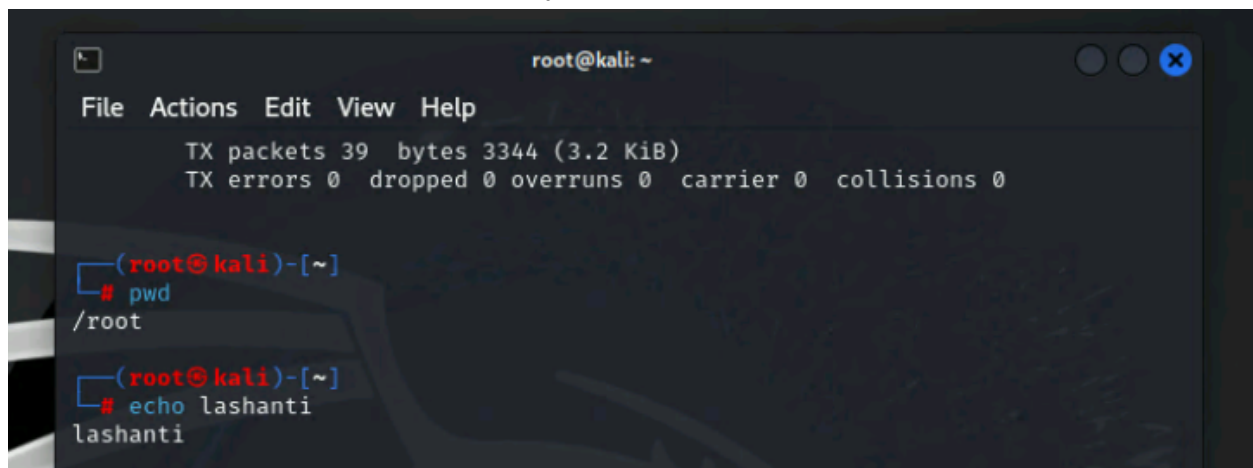

2. (10 pt) Display your current directory in a terminal.
3. (10 pt) Use the echo command to print your name to the console.

4. (10 pt) Display your first and last names in two separate lines using a single echo command (tip: how to enable the interpretation of escape characters?)
5. (10 pt) How to change to home directory using cd command and, absolute pathname.

6. (10 pt) Create a new file named "forXXXX.txt" in your home directory (replace "XXXX" with your own MIDAS). Then, use the long listing format to display the contents in your home Directory.

What is the size of the file you just created? **0**

7. (20 pt) Create a new directory named "XXXX" in your home directory (replace "XXXX" with your own MIDAS). Then, use the long listing format to display the contents in your home directory.
What is the size of the file you just created? **4096**

```
┌──(root㉿kali)-[~]
└─# mkdir ~/lglad

┌──(root㉿kali)-[~]
└─# ls -l ~
total 36
drwxr-xr-x 3 root root 4096 May 23 10:50 Desktop
drwxr-xr-x 2 root root 4096 Feb 23  2024 Documents
drwxr-xr-x 2 root root 4096 Feb 25  2024 Downloads
-rw-r--r-- 1 root root    0 Sep  8 19:22 forlglad.txt
drwxr-xr-x 2 root root 4096 Sep  8 19:26 lglad
drwxr-xr-x 2 root root 4096 Feb 23  2024 Music
drwxr-xr-x 2 root root 4096 Feb 23  2024 Pictures
drwxr-xr-x 2 root root 4096 Feb 23  2024 Public
drwx------ 1 root root    0 Sep  8 19:00 shared-drives
drwxr-xr-x 2 root root 4096 Feb 23  2024 Templates
drwxr-xr-x 2 root root 4096 Feb 23  2024 Videos

┌──(root㉿kali)-[~]
```

8. (20 pt) Copy /etc/passwd file to your home directory. The copy should be named as "passwd_XXXX" (replace "XXXX" with your own MIDAS) in your home directory. Then, complete the following two subtasks:

• Use the proper command to display the first six lines in this file.

• Search keyword "www" in this file.


```
root@kali: ~
File  Actions  Edit  View  Help

┌──(root㉿kali)-[~]
└─# cp /etc/passwd ~/passwd_lglad

┌──(root㉿kali)-[~]
└─# head -n 6 ~passwd_lglad
head: cannot open '~passwd_lglad' for reading: No such file or directory

┌──(root㉿kali)-[~]
└─# grep "www" ~passwd_lglad
```