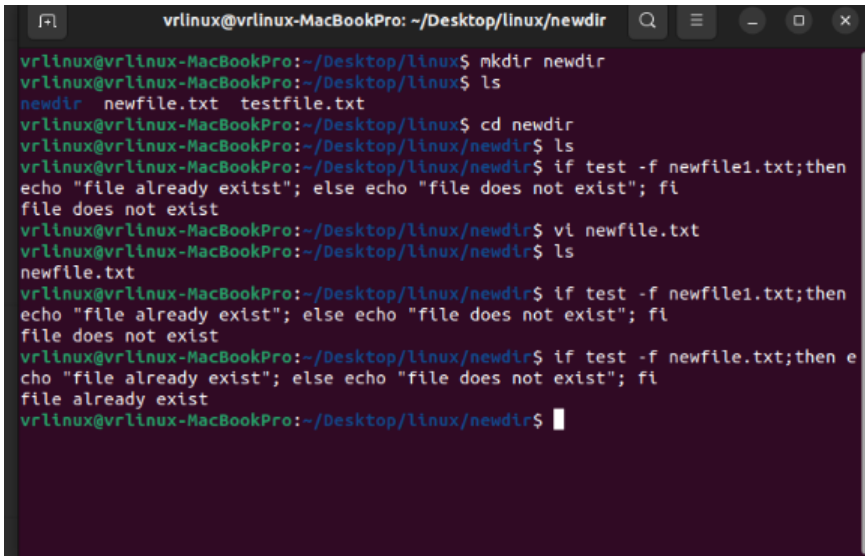
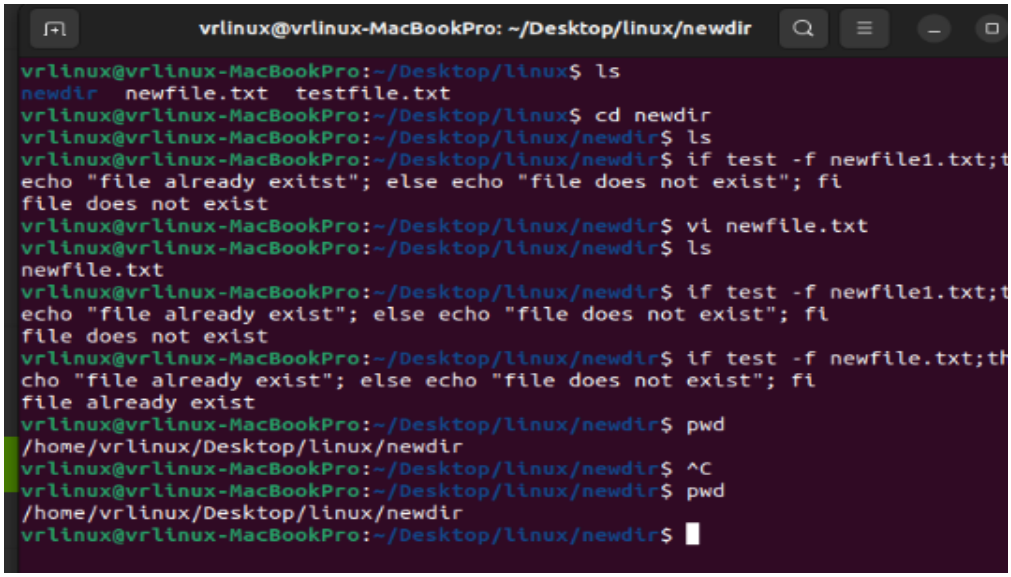
Exercise:

Question 1:
1)Create a file in a new directory using vi editor and ensure the filename doesn't exist already using shell commands.
Answer:

- Create the new directory using the mkdir command.
- Check if the file already exists in the directory using the test command. For example, to check if a file named "newfile.txt" already exists in the "newdir" directory.



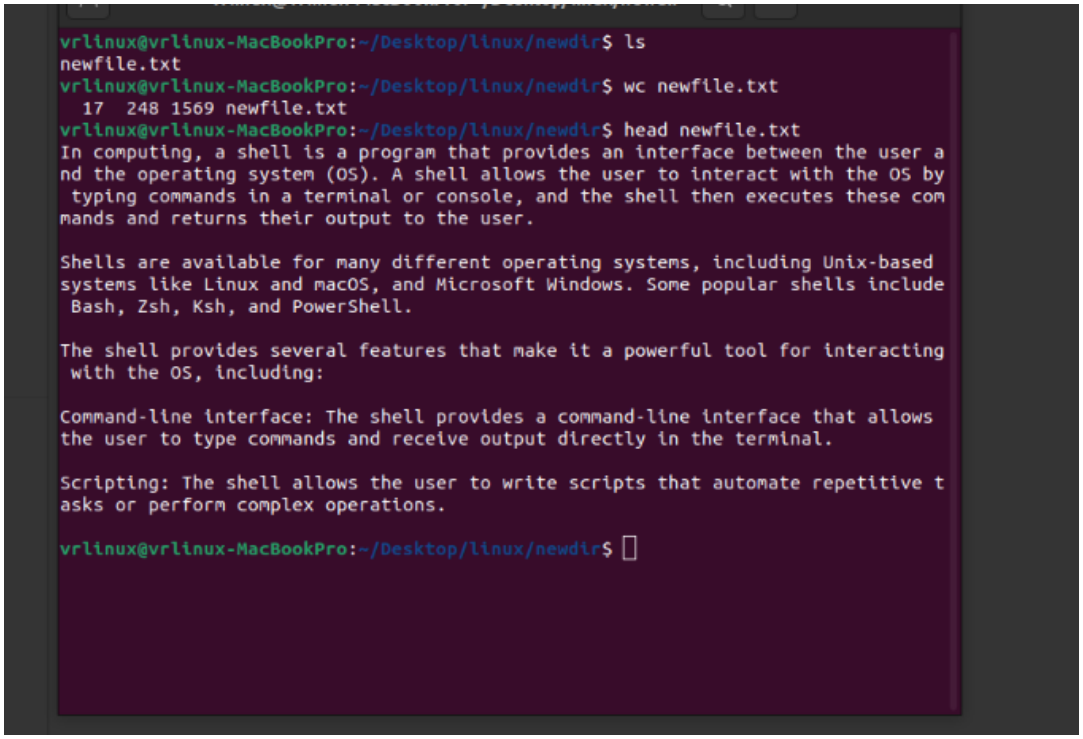
2)Get the Absolute path and relative path of the file you created in Question 1.
vrlinux@vrlinux-MacBookPro:~/Desktop/linux/newdir$ pwd
/home/vrlinux/Desktop/linux/newdir
vrlinux@vrlinux-MacBookPro:~/Desktop/linux/newdir$



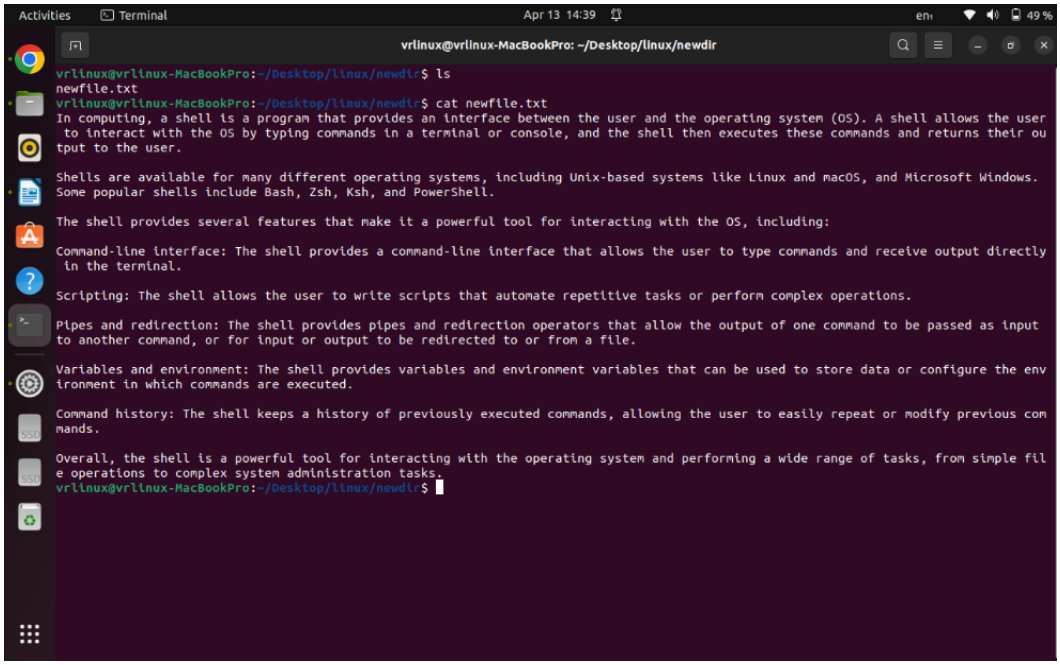
3)Select a random file and do the following:

a. Count the no. of lines, words in the file

b. Display the list 10 lines of a file



c. Display the entire file



d. Search a word 'X' in the entire file and display the lines with it.