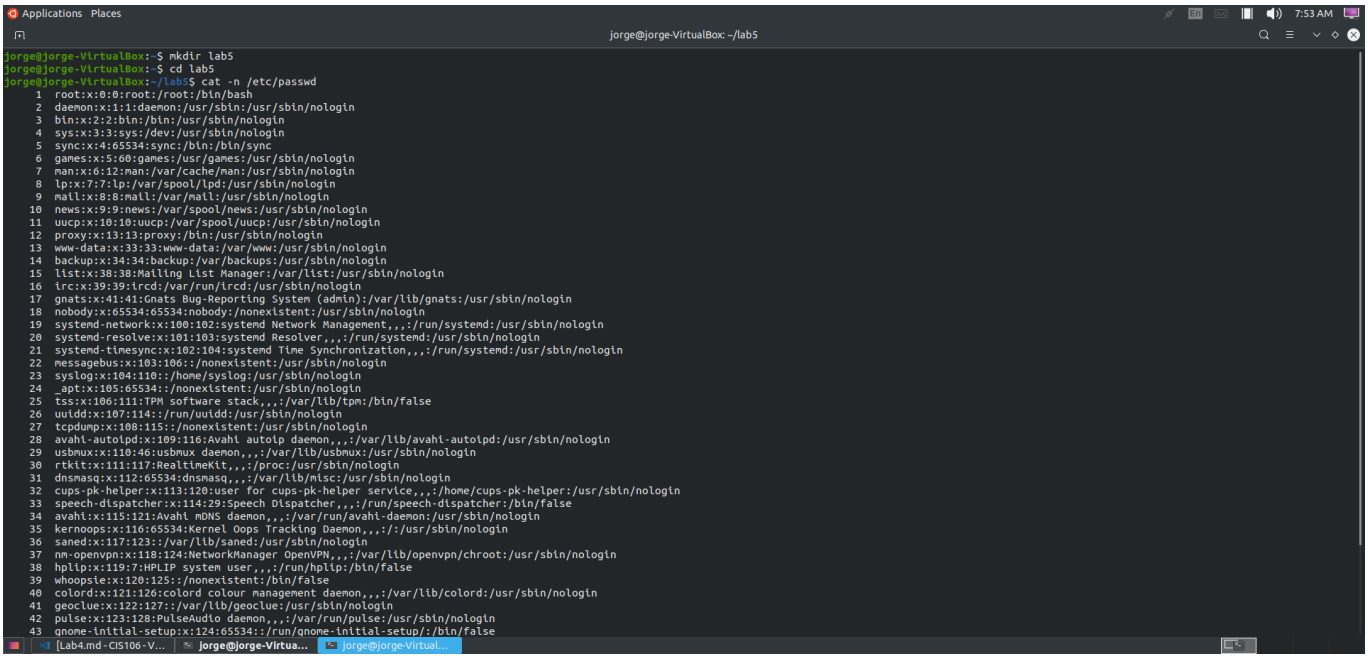
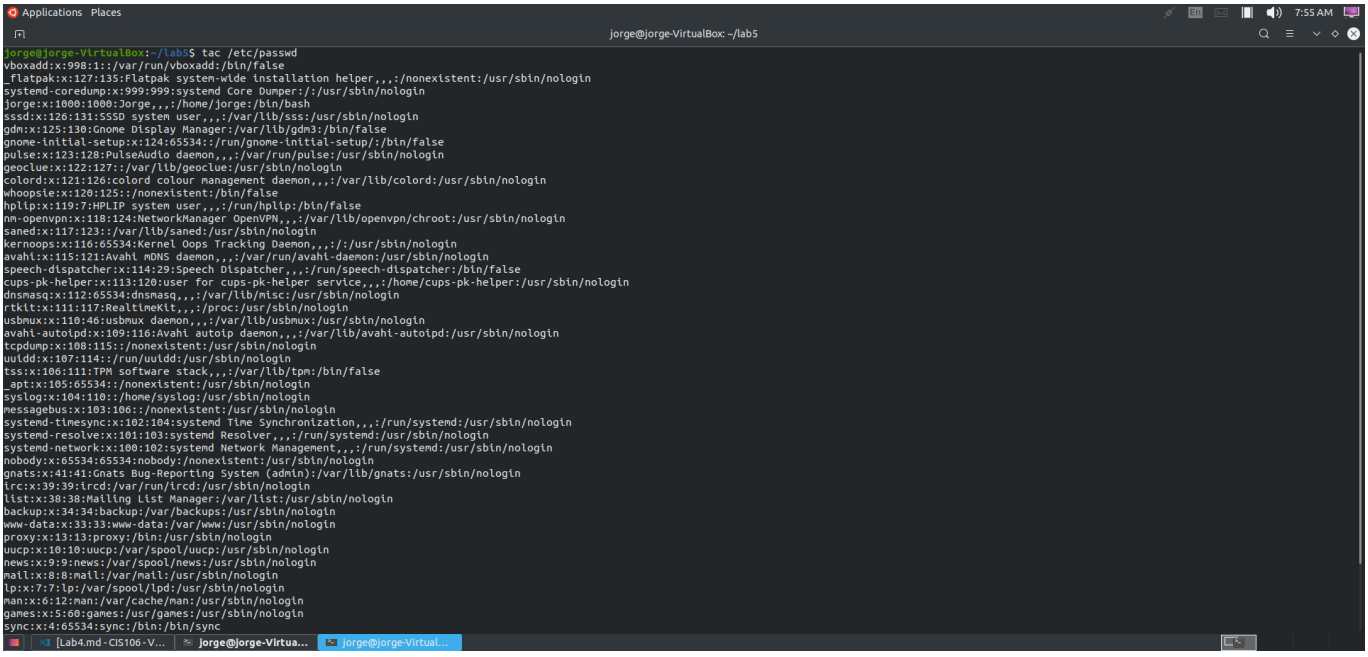
Question 1

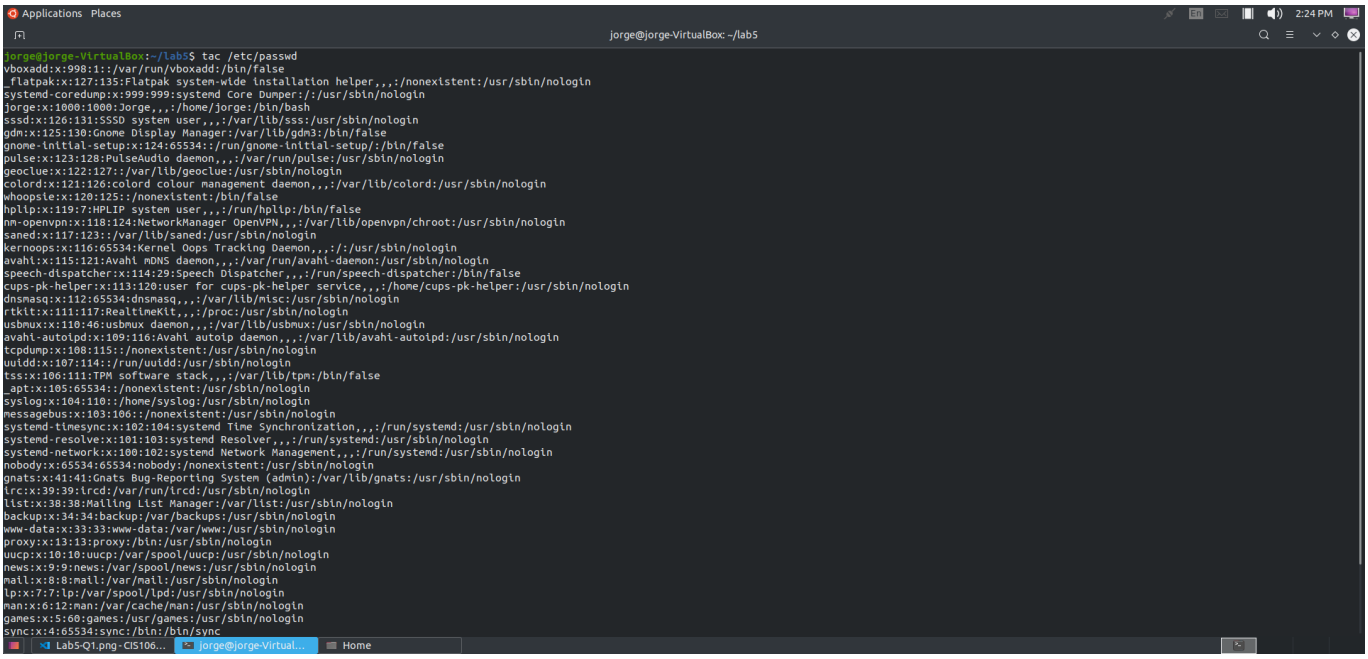
1.Display the content of the /etc/passwd file.



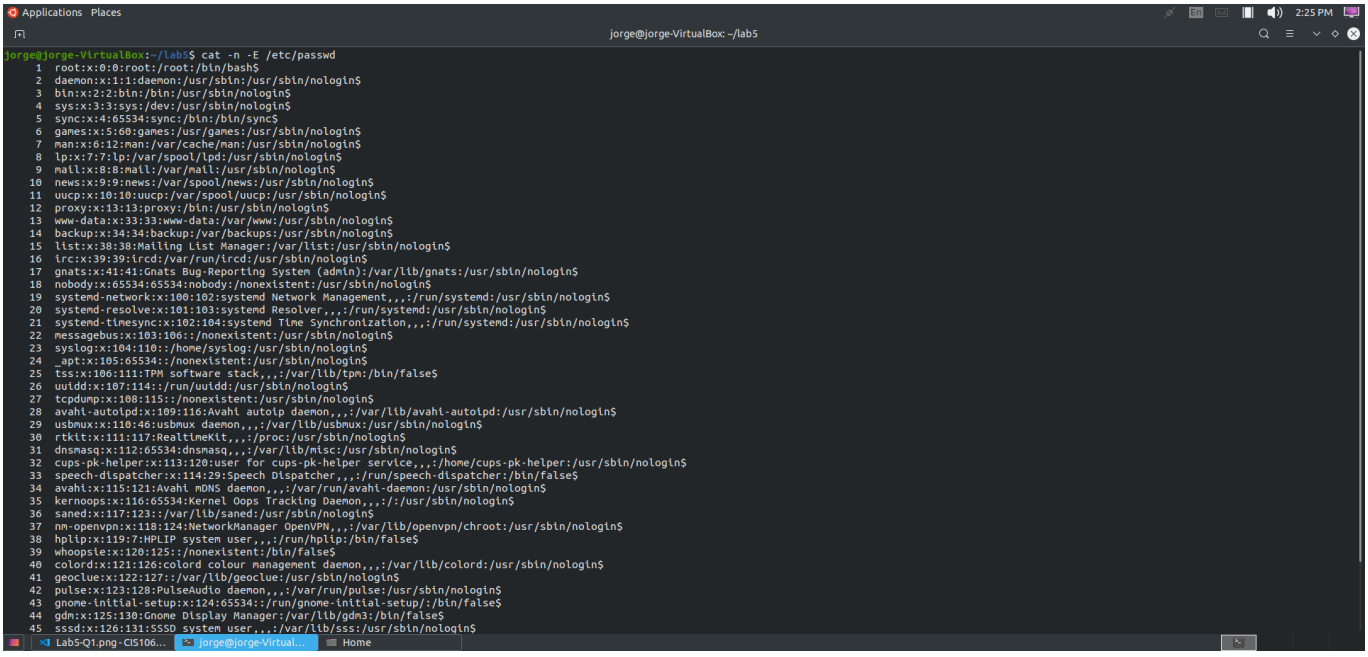
2.Display the content of the /etc/passwd file in reverse order.



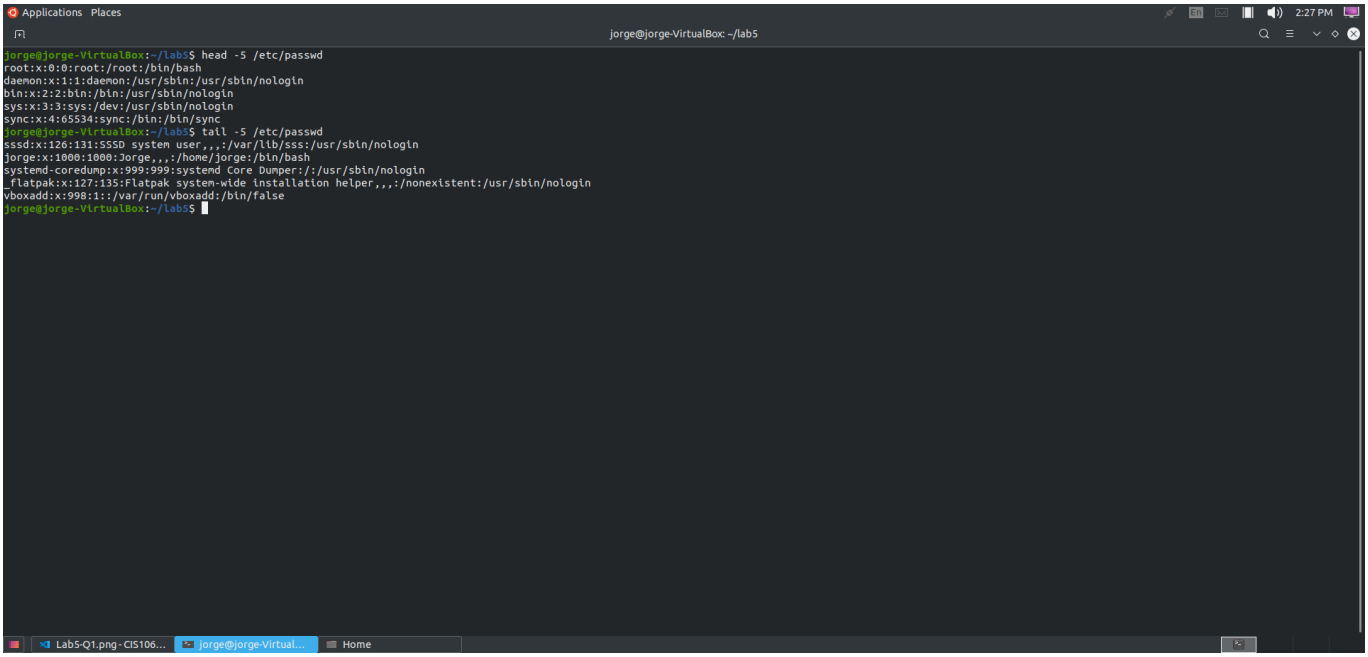
3.Display the content of the /etc/passwd file with line numbers and the $ to indicate the end of every line.



4.Display the first 5 lines of a the /etc/passwd file.

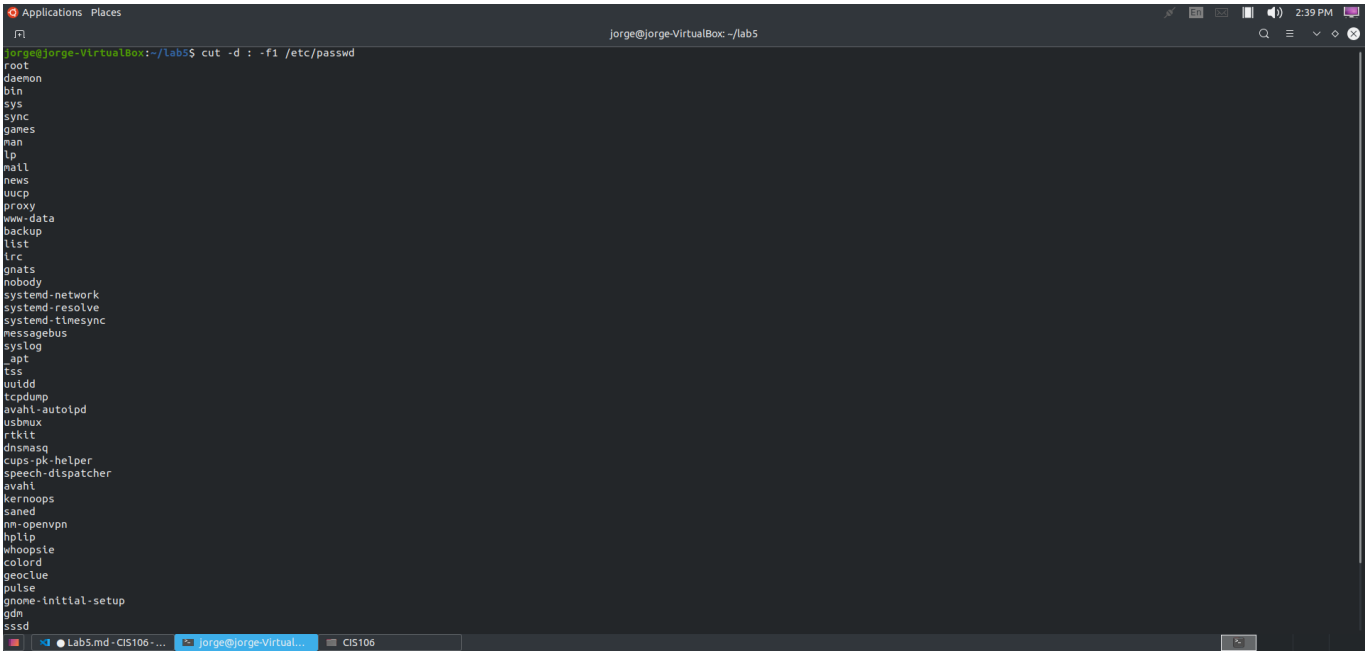


5.Display the last 5 lines of the /etc/passwd file.

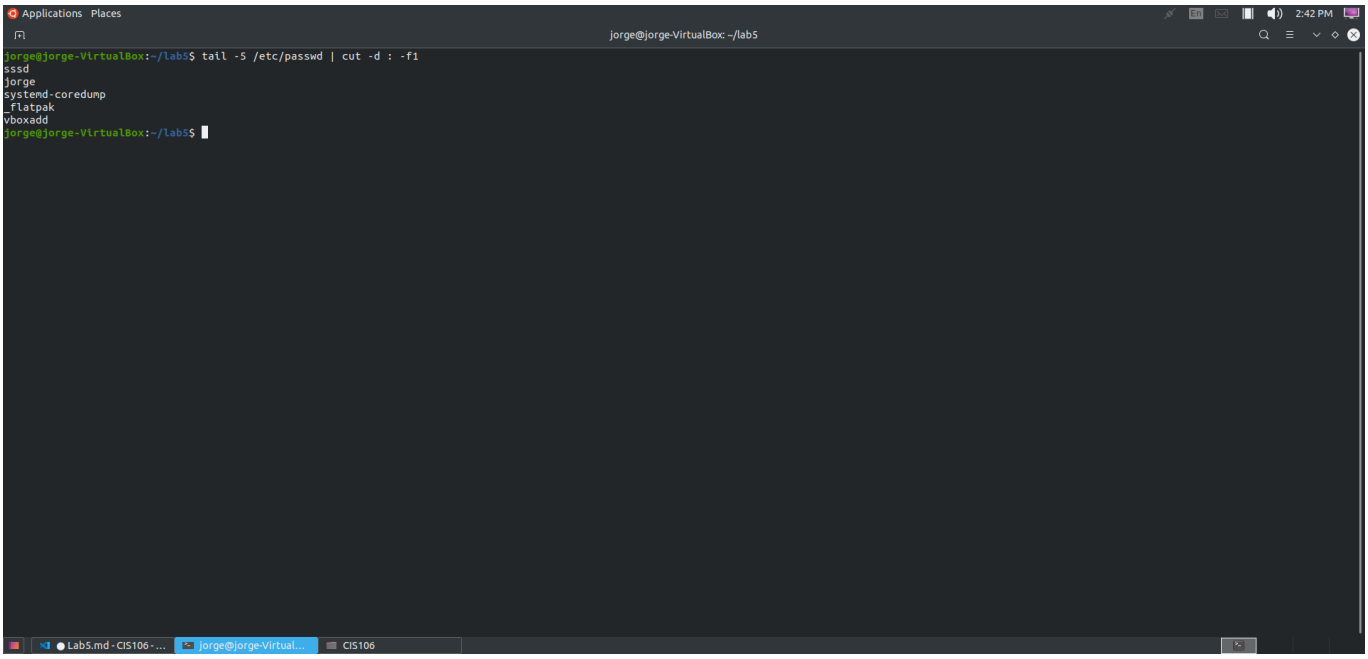


Question 2

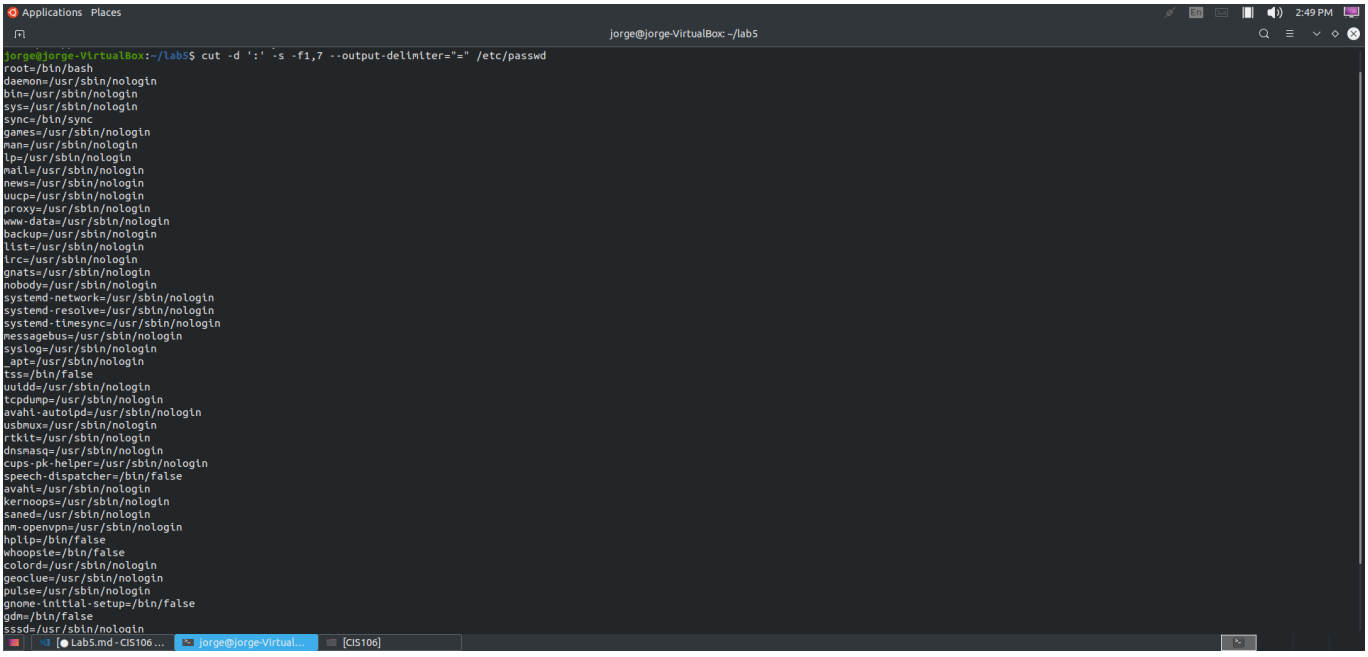
1.Display the first field of the /etc/passwd file.



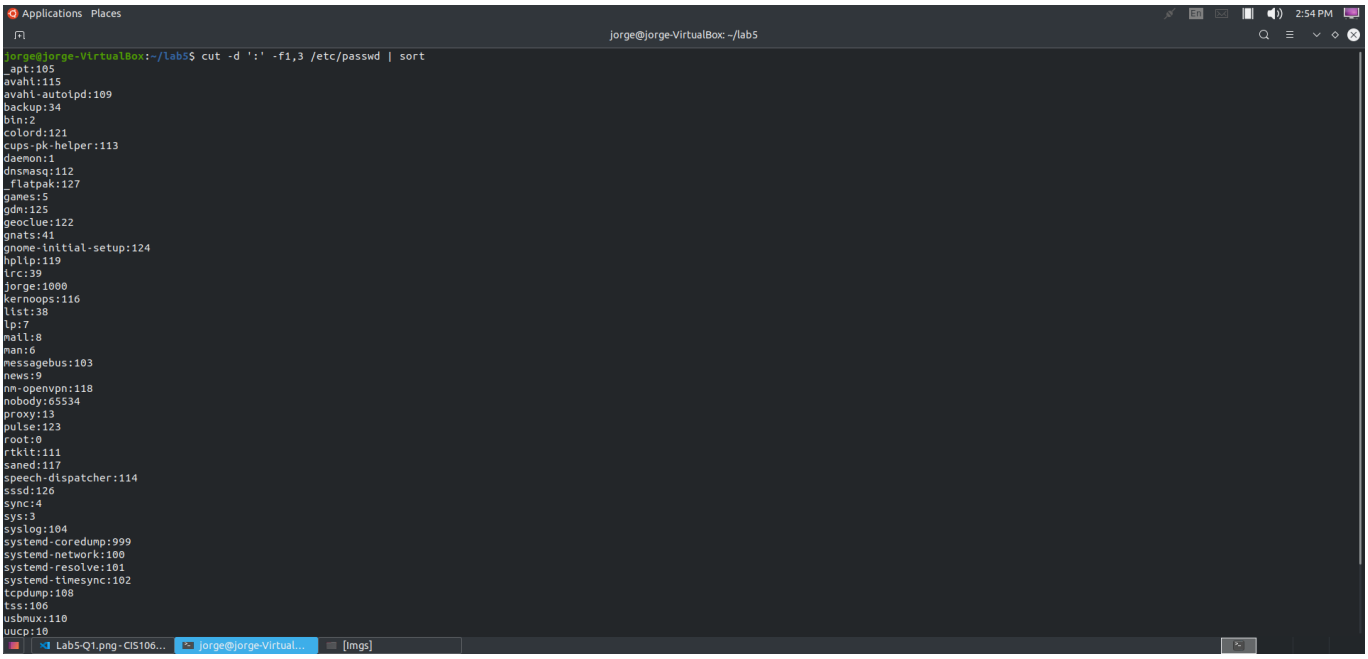
2.Display the last 5 users in the /etc/passwd file.



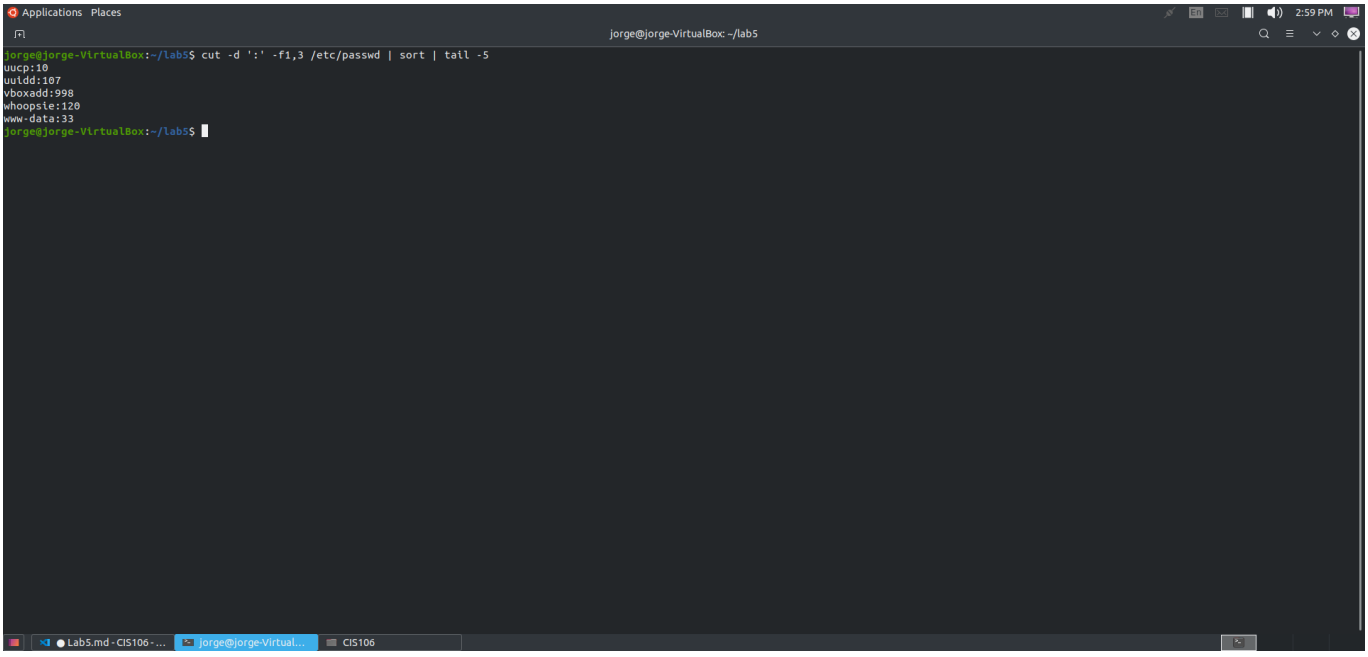
3.Display a list of all the users and their designated login shell separated by an = sign.



4.The sort command is another amazing tool in any linux user's tool box. Sort allows you to display data in a given order. Cut the first and 3rd field of the /etc/passwd field and sort the output.

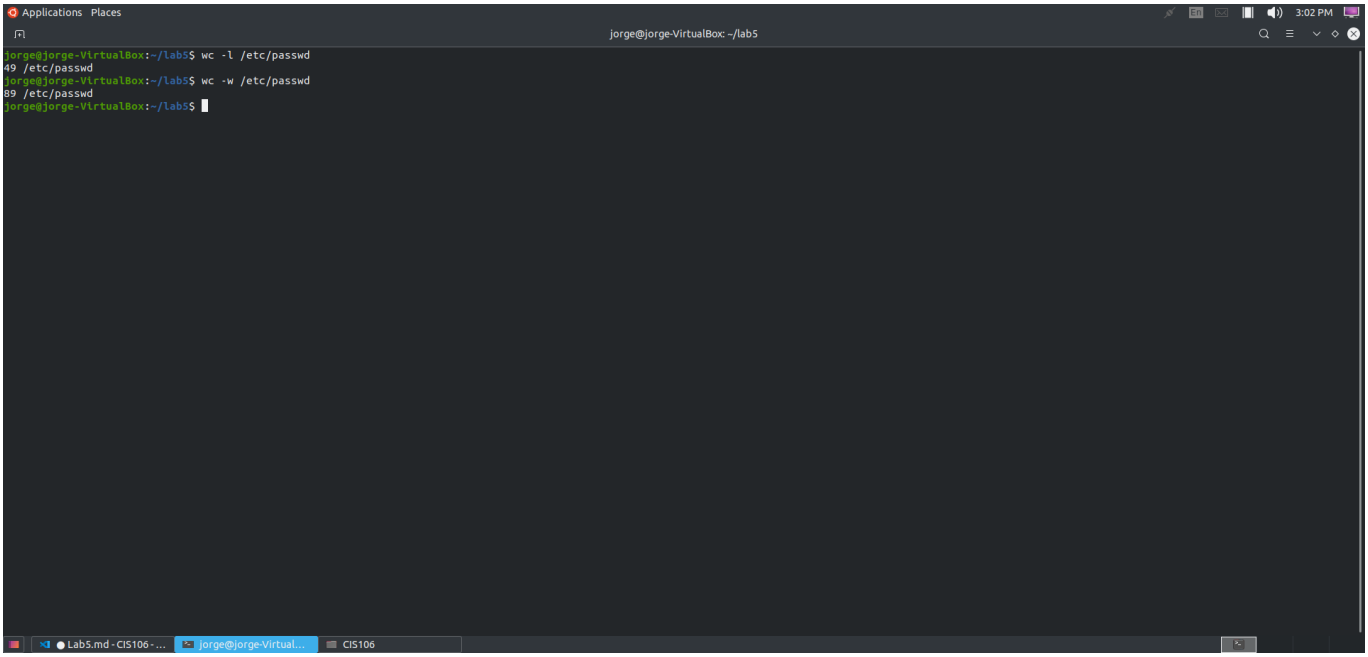


5.Repeat the previous command but this time only show the last 5 entries.

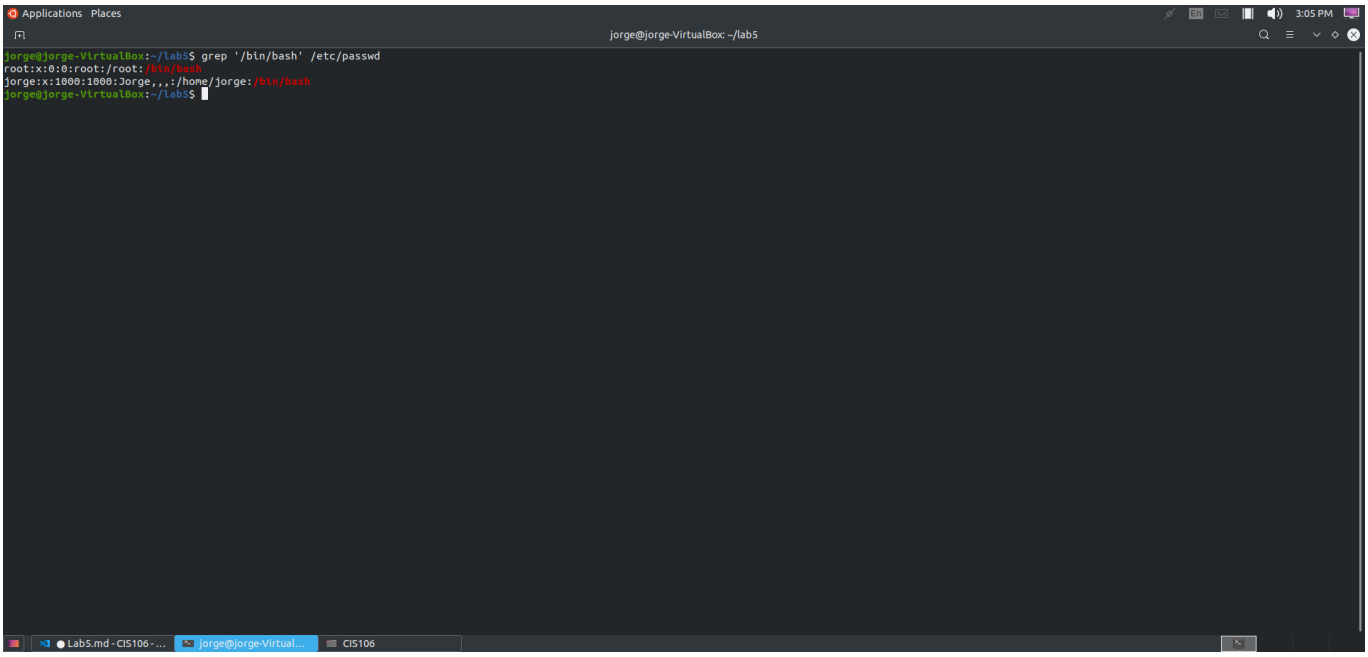


Question 3

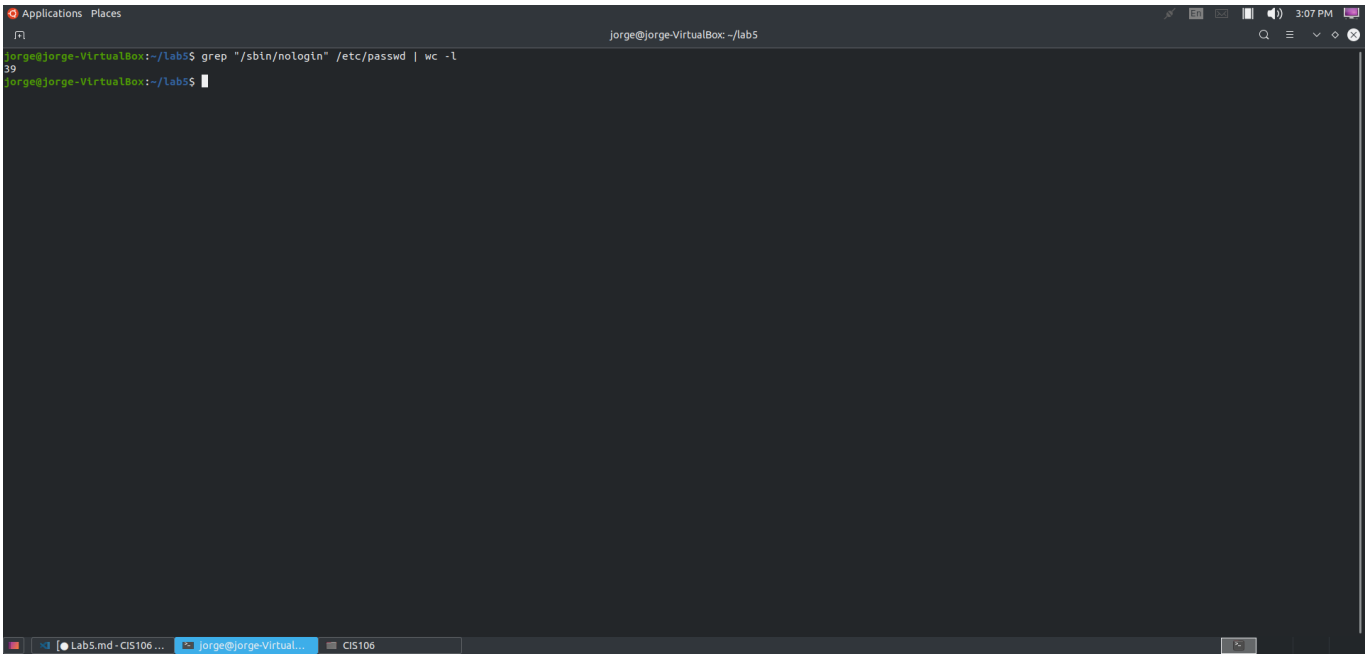
1.How many lines does the /etc/passwd file have?



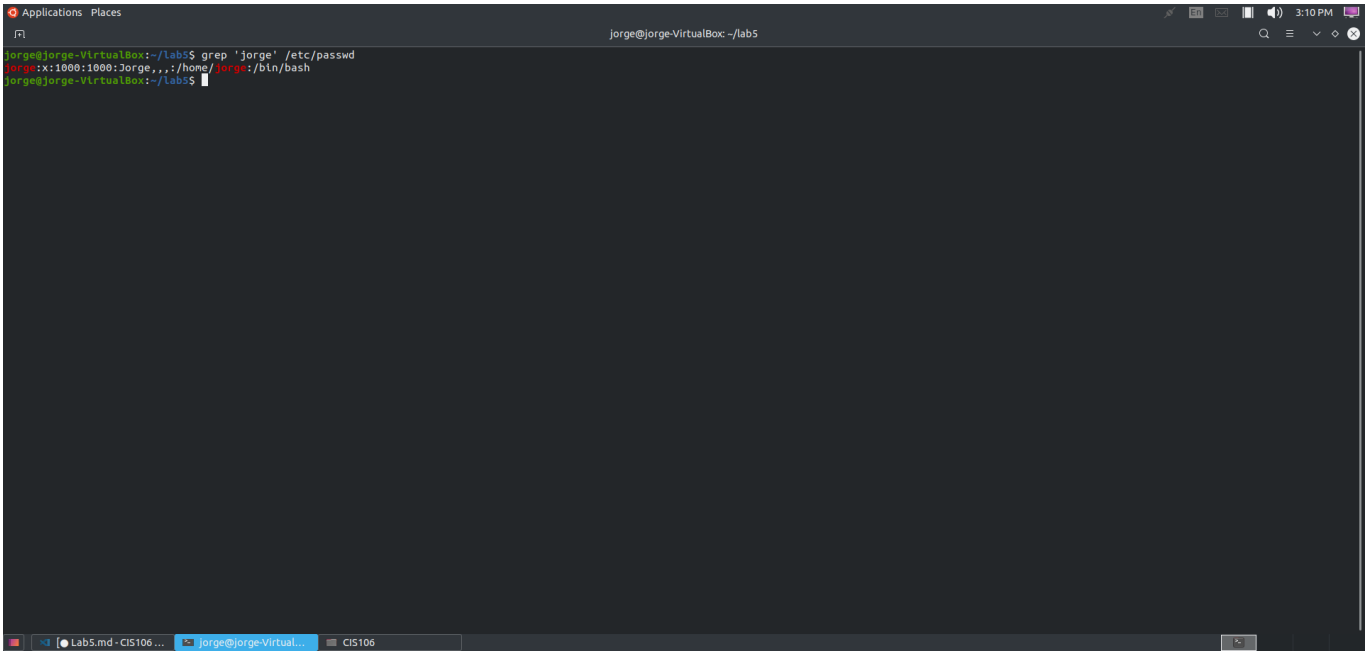
3.How many users can login with the /bin/bash shell?



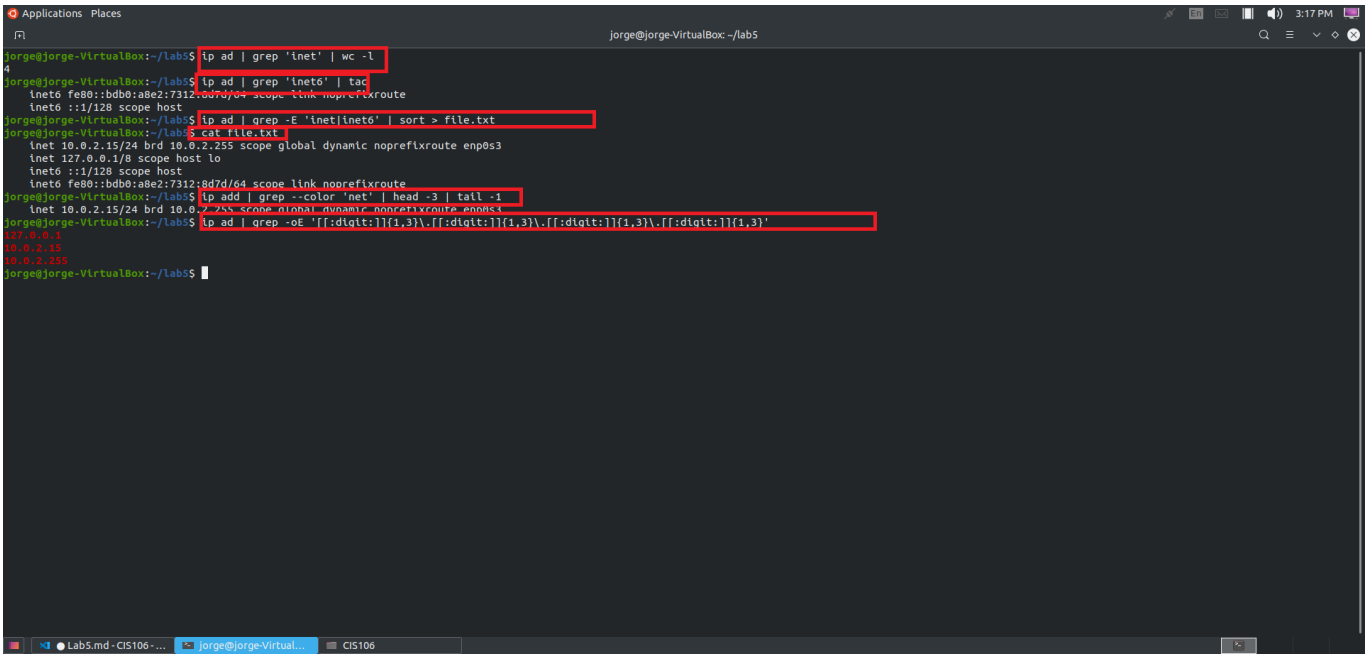
4.How many users have the /sbin/nologin shell assigned?



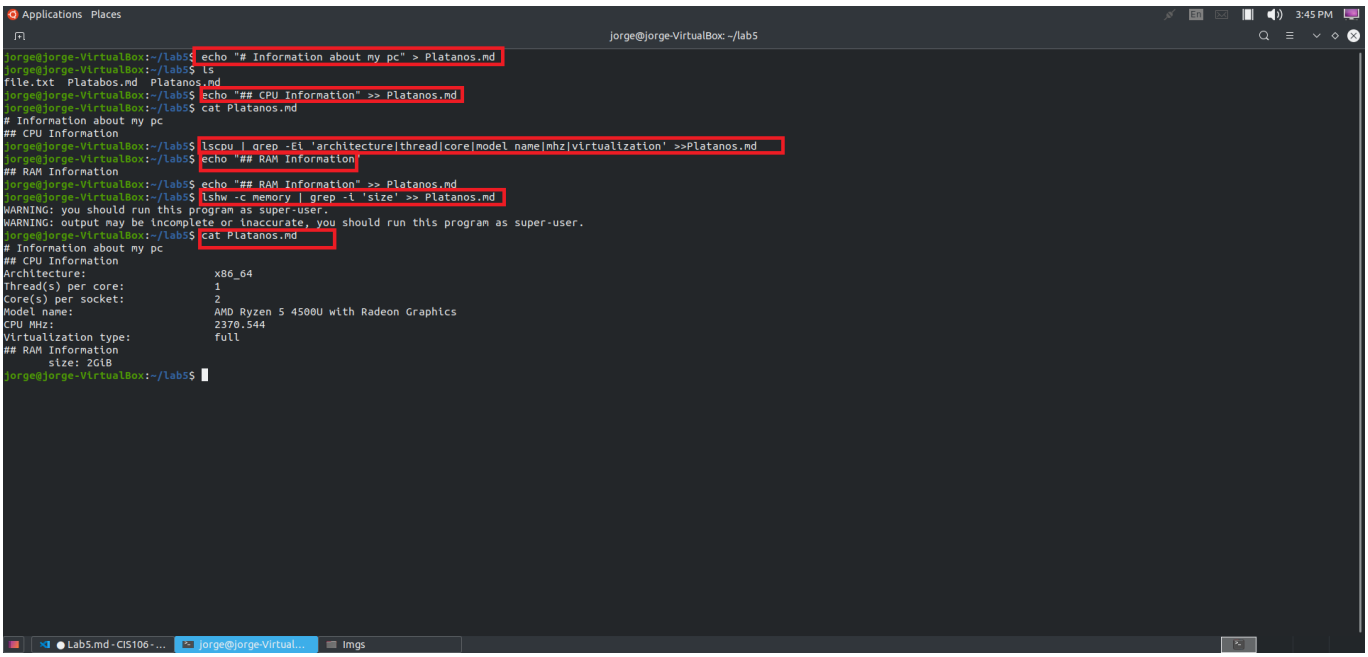
5.Display your user's information in /etc/passwd file



Question 4


Applications Places
3:17 PM
jorge@jorge-VirtualBox: ~/lab5
jorge@jorge-VirtualBox:~/lab5$ ip ad | grep 'inet' | wc -l
4
jorge@jorge-VirtualBox:~/lab5$ ip ad | grep 'inet6' | tac
inet6 fe80::bdb0:a8e2:7312:8d7d/64 scope link noprefixroute
inet6 ::1/128 scope host
jorge@jorge-VirtualBox:~/lab5$ ip ad | grep -E 'inet|inet6' | sort > file.txt
jorge@jorge-VirtualBox:~/lab5$ cat file.txt
inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
inet 127.0.0.1/8 scope host lo
inet6 ::1/128 scope host
inet6 fe80::bdb0:a8e2:7312:8d7d/64 scope link noprefixroute
jorge@jorge-VirtualBox:~/lab5$ ip add | grep --color 'net' | head -3 | tail -1
inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
jorge@jorge-VirtualBox:~/lab5$ ip ad | grep -oE '[[:digit:]]{1,3}\.[[:digit:]]{1,3}\.[[:digit:]]{1,3}\.[[:digit:]]{1,3}'
127.0.0.1
10.0.2.15
10.0.2.255
jorge@jorge-VirtualBox:~/lab5$
Lab5.md - CIS106 - ...
jorge@jorge-Virtual...
CIS106

Question 5


Applications Places
3:45 PM
jorge@jorge-VirtualBox: ~/lab5
jorge@jorge-VirtualBox:~/lab5$ echo "# Information about my pc" > Platanos.md
jorge@jorge-VirtualBox:~/lab5$ ls
file.txt Platabos.md Platanos.md
jorge@jorge-VirtualBox:~/lab5$ echo "## CPU Information" >> Platanos.md
jorge@jorge-VirtualBox:~/lab5$ cat Platanos.md
Information about my pc
CPU Information
jorge@jorge-VirtualBox:~/lab5$ lscpu | grep -Ei 'architecture|thread|core|model name|mhz|virtualization' >>Platanos.md
jorge@jorge-VirtualBox:~/lab5$ echo "## RAM Information"
RAM Information
jorge@jorge-VirtualBox:~/lab5$ echo "## RAM Information" >> Platanos.md
jorge@jorge-VirtualBox:~/lab5$ lshw -c memory | grep -i 'size' >> Platanos.md
WARNING: you should run this program as super-user.
WARNING: output may be incomplete or inaccurate, you should run this program as super-user.
jorge@jorge-VirtualBox:~/lab5$ cat Platanos.md
Information about my pc
CPU Information
Architecture: x86_64
Thread(s) per core: 1
Core(s) per socket: 2
Model name: AMD Ryzen 5 4500U with Radeon Graphics
CPU MHz: 2370.544
Virtualization type: full
RAM Information
size: 2GiB
jorge@jorge-VirtualBox:~/lab5$
Lab5.md - CIS106 - ...
jorge@jorge-Virtual...
Imgs