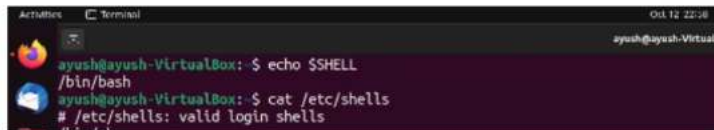
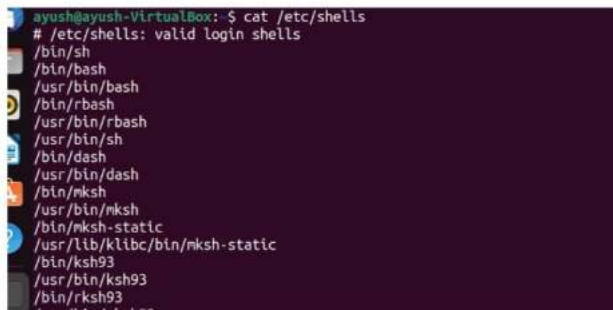


Experiment 2:-Use of appropriate command to determine your shell, available shells, using 'who' command and redirect the to any text file, 'more' to view content in files. (a) Use of appropriate command to determine your logic shell. To find your current shell type following command  
-\$ echo \$SHELL



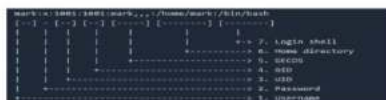
```
ayush@ayush-VirtualBox: $ echo $SHELL
/bin/bash
ayush@ayush-VirtualBox: $ cat /etc/shells
# /etc/shells: valid login shells
```

(b) To find all available shells in your system type which command. To find all available shells type command:



```
ayush@ayush-VirtualBox: $ cat /etc/shells
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/usr/bin/bash
/bin/rbash
/usr/bin/rbash
/usr/bin/sh
/bin/dash
/usr/bin/dash
/bin/mksh
/usr/bin/mksh
/bin/mksh-static
/usr/lib/klibc/bin/mksh-static
/bin/ksh93
/usr/bin/ksh93
/bin/rksh93
/usr/bin/rksh93
```

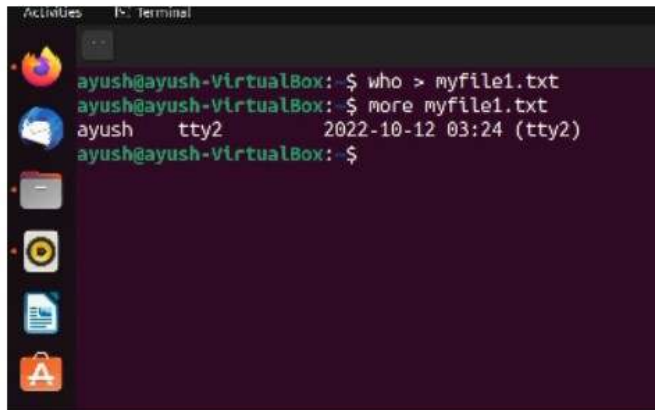
c) Which command is use to verify the result of part (b). To verify the result of step(b) use the following command: -\$ cat /etc/passwd



```
ayush@ayush-VirtualBox: $ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/usr/sbin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
games:x:4:65534:games:/usr/games:/usr/sbin/nologin
uucp:x:5:5:uucp:/usr/lib/uucp:/usr/sbin/nologin
lp:x:7:7:lp:/var/log:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:100:_apt:/var/lib/apt/lists:/usr/sbin/nologin
```

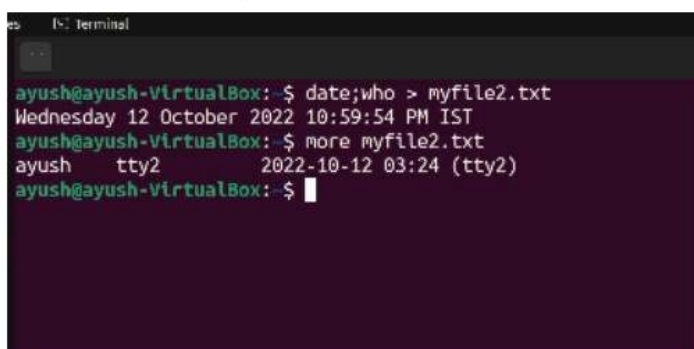
(d) Use the “who” command and redirect the result to a file called myfile1. Use the more command to see the contents of myfile1. Command typed is: - \$ who > myfile1.txt

\$ more myfile1.txt

A terminal window titled 'Terminal' showing a user named 'ayush' at a machine named 'ayush-VirtualBox'. The user enters the command 'who > myfile1.txt'. The output is displayed on the next line: 'ayush tty2 2022-10-12 03:24 (tty2)'. The user then enters 'more myfile1.txt' and the same output is shown again. The terminal has a dark background and a sidebar on the left with various application icons.

```
ayush@ayush-VirtualBox:~$ who > myfile1.txt
ayush@ayush-VirtualBox:~$ more myfile1.txt
ayush  tty2          2022-10-12 03:24 (tty2)
ayush@ayush-VirtualBox:~$
```

(e) Use the date and who commands in sequence(in one line) such that the output date will display on the screen and the output of who will be redirected to a file called myfile2. Use the more command to check the contents of myfile2. Command typed is:-\$ date;who > myfile2.txt -\$ more myfile2.txt.

A terminal window titled 'Terminal' showing the same user 'ayush' at 'ayush-VirtualBox'. The user enters the command 'date;who > myfile2.txt'. The output is 'Wednesday 12 October 2022 10:59:54 PM IST' followed by 'ayush tty2 2022-10-12 03:24 (tty2)'. The user then enters 'more myfile2.txt' and the same output is shown. The terminal has a dark background and a sidebar on the left with various application icons.

```
ayush@ayush-VirtualBox:~$ date;who > myfile2.txt
Wednesday 12 October 2022 10:59:54 PM IST
ayush@ayush-VirtualBox:~$ more myfile2.txt
ayush  tty2          2022-10-12 03:24 (tty2)
ayush@ayush-VirtualBox:~$
```