EXPERIMENT 2:

A) Use of appropriate command to determine your login shell

- **echo $SHELL**

```
suraj@surajpandit:~$ echo $SHELL
/bin/bash
suraj@surajpandit:~$
```

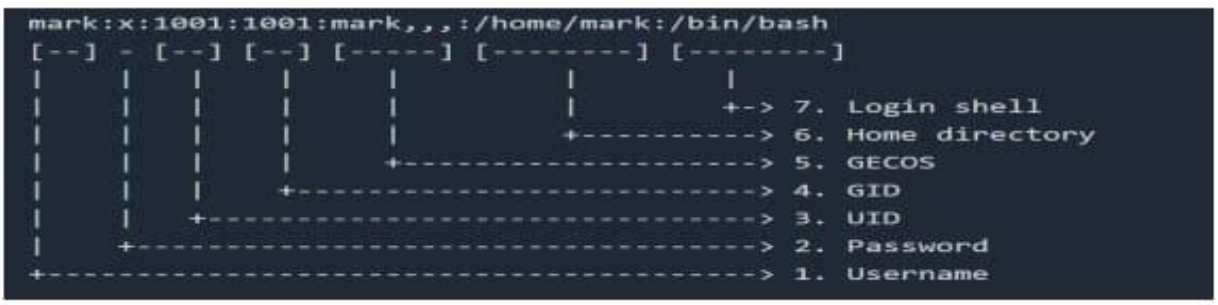
B) To find all available shells in your system type by using appropriate command.

- **cat /etc/shells**

```
suraj@surajpandit:~$ 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
```

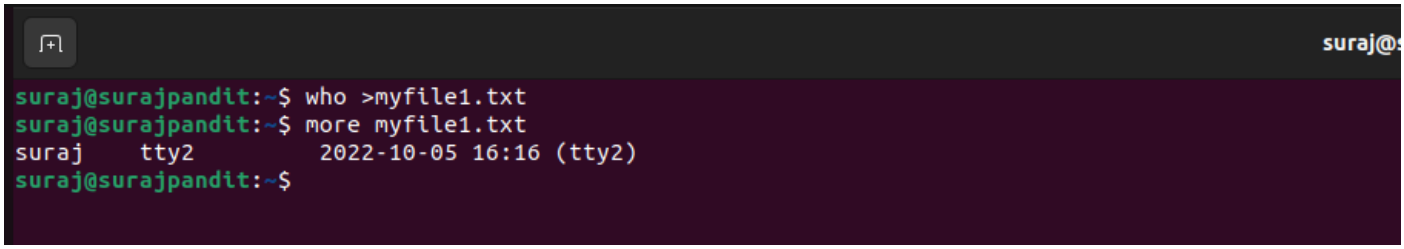
C) Use the /etc/passwd file to verify the result of part (B).

- **cat /etc/passwd**



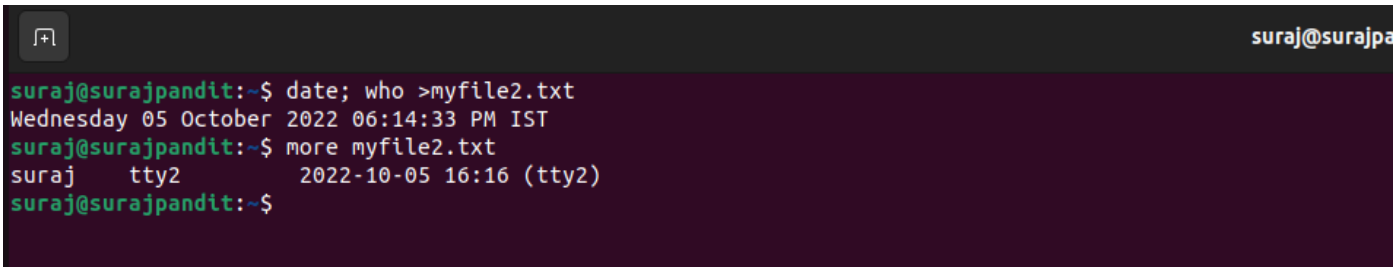
D) Use the 'who' command and direct the result to a file called myfile1.txt and use the more command to see the content of myfile1.txt

- **who >myfile1.txt**
- **more myfile1.txt**



E) Use the date and who commands, in one line, such that the output of date is displayed on the screen and the output of who is redirected to a file. Use the more command to check the content of that file.

- **date; who >myfile.txt**
- **more myfile.txt**



F) Write a sed command that swaps the first and second words in each line in a file.

- **sed -e "s/\([^]*\) *\([^]*\)/\2 \1 /g" filename.txt**