**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.

1. **Use of appropriate command to determine your logic shell.**

* To find your current shell type following command

-$ echo $SHELL

**E.g. = OS\_2.1**

1. **To find all available shells in your system type which command.**

* To find all available shells type command:

-$ cat /etc/shells

**E.g. = OS\_2.2**

1. **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

**E.g. = 2.3.0**

1. **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 -H > myfile1.txt

$ more -d myfile1.txt

**E.g. = OS\_2.4**

1. **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 -H > myfile2.txt

-$ more -d myfile2.txt.

**E.g. = OS\_2.5**

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

**🡪**  Command typed is :$ sed -s “s/\([^ ]\*\) \*\([^ ]\*\)/\2 \1 /g” text.txt

**E.g. = OS\_2.6.2**