

**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

E.g. = OS\_2.1

**(b) 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

**(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

E.g. = 2.3.0

**(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 -H > myfile1.txt

\$ more -d myfile1.txt

E.g. = OS\_2.4

**(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 -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^\([^ ]\*\) \*\([^ ]\*\)^/g" text.txt

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