



## Experiment – 2

- Use of appropriate command to determine your login shell

```
haripriya@LAPTOP-RMAP14VO: /mnt/d/Documents
haripriya@LAPTOP-RMAP14VO:~$ cd /mnt/d/Documents
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ echo $SHELL
/bin/bash
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ 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
/usr/bin/tmux
/usr/bin/screen
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$
```

- To find all available shells in your system by using appropriate command

```
haripriya@LAPTOP-RMAP14VO: /mnt/d/Documents
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ date +"Current year is : %Y %n Current month is : %m %n Current date is : %d"
Current year is : 2022
Current month is : 10
Current date is : 03
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ date +"Current year is : %Y %nCurrent month is : %m %nCurrent date is : %d";whoami>file.txt
Current year is : 2022
Current month is : 10
Current date is : 03
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ more file.txt
haripriya
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ pipe
^Charipriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ sed --version
sed (GNU sed) 4.8
Packaged by Debian
Copyright (C) 2020 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

Written by Jay Fenlason, Tom Lord, Ken Pizzini,
Paolo Bonzini, Jim Meyering, and Assaf Gordon.

This sed program was built with SELinux support.
SELinux is disabled on this system.

GNU sed home page: <https://www.gnu.org/software/sed/>.
General help using GNU software: <https://www.gnu.org/gethelp/>.
E-mail bug reports to: <bug-sed@gnu.org>.
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ sed script text.txt
sed: -e expression #1, char 6: unterminated `s' command
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ echo "this is my terminal" |sed 's/my/terminal'
sed: -e expression #1, char 13: unterminated `s' command
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ echo "this my terminal"|sed 's/terminal/ubuntu'
sed: -e expression #1, char 17: unterminated `s' command
```

- Use the date and who commands in one line such that the output of date is displayed on the screen and output of who is redirected to a file

```

haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ echo $SHELL
/bin/bash
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ 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
/usr/bin/tmux
/usr/bin/screen
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ date +"Current year is : %Y %nCurrent month is : %m %n Current date is : %d" ; whoami > f7.txt
Current year is : 2022
Current month is : 10
Current date is : 30
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ more f7.txt
haripriya
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ cat f5.txt
This is Haripriya
I'm enrolled in CSE with specialisation in AI&ML.
I'm currently in 3rd semester
UBUNTU
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ sed -e"s/\([^\ ]*\) *\([^\ ]*\)/\2 \1 /g" f5.txt
is This Haripriya
enrolled I'm in CSE with specialisation in AI&ML.
currently I'm in 3rd semester
UBUNTU
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ bc
bc 1.07.1
Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Software Foundation, Inc.
This is free software with ABSOLUTELY NO WARRANTY.
For details type 'warranty'.

```

- Write sed command that swaps the first and second word in each line

```

haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ echo $SHELL
/bin/bash
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ 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
/usr/bin/tmux
/usr/bin/screen
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ date +"Current year is : %Y %nCurrent month is : %m %n Current date is : %d" ; whoami > f7.txt
Current year is : 2022
Current month is : 10
Current date is : 30
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ more f7.txt
haripriya
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ cat f5.txt
This is Haripriya
I'm enrolled in CSE with specialisation in AI&ML.
I'm currently in 3rd semester
UBUNTU
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ sed -e"s/\([^\ ]*\) *\([^\ ]*\)/\2 \1 /g" f5.txt
is This Haripriya
enrolled I'm in CSE with specialisation in AI&ML.
currently I'm in 3rd semester
UBUNTU
haripriya@LAPTOP-RMAP14VO:/mnt/d/Documents$ bc
bc 1.07.1
Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Software Foundation, Inc.
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For details type 'warranty'.

```