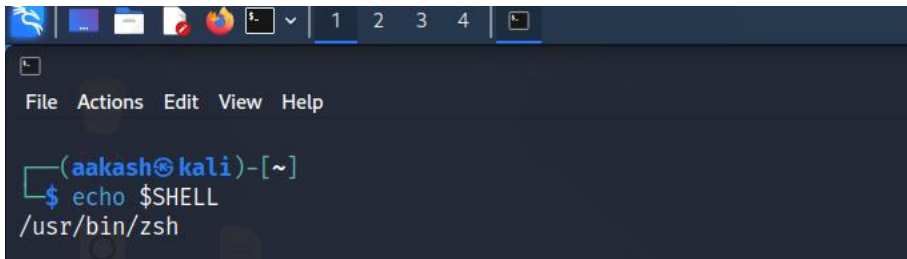


Experiment 2:-Use of appropriate command to determine your shell, available shells, using 'who' command and redirect the to any text file, 'more' to view content in files.

(a) Use of appropriate command to determine your logic shell.

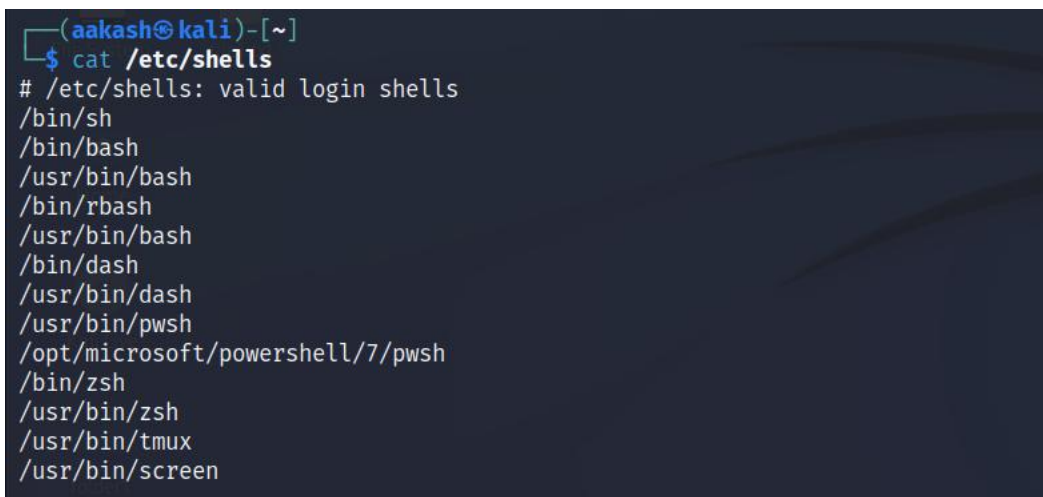
→ To find your current shell type following command
- \$ echo \$SHELL



```
(aakash@kali)-[~]  
$ echo $SHELL  
/usr/bin/zsh
```

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

To find all available shells type command:



```
(aakash@kali)-[~]  
$ cat /etc/shells  
# /etc/shells: valid login shells  
/bin/sh  
/bin/bash  
/usr/bin/bash  
/bin/rbash  
/usr/bin/bash  
/bin/dash  
/usr/bin/dash  
/usr/bin/pwsh  
/opt/microsoft/powershell/7/pwsh  
/bin/zsh  
/usr/bin/zsh  
/usr/bin/tmux  
/usr/bin/screen
```

(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
```

```
mark@x:1001:100::mark,,,:/home/mark:/bin/bash
[--] - [--] [--] [---] [---] [---]
|      |      |      |      |
|      |      |      |      +--> 7. Login shell
|      |      |      +-----+-----> 6. Home directory
|      |      +-----+-----> 5. GECOS
|      +-----+-----> 4. GID
|  +-----+-----> 3. UID
|  +-----+-----> 2. Password
+-----+-----> 1. Username
```

(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

```
(aakash@kali)-[~]  
$ who > myfile1.txt  
  
(aakash@kali)-[~]  
$ more myfile1.txt  
aakash    tty7          2022-10-02 18:53 (:0)
```

(a) 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.

```
(aakash@kali)-[~]  
$ date;who > myfile2.txt  
Sunday 02 October 2022 06:59:43 PM IST  
  
(aakash@kali)-[~]  
$ more myfile2.txt  
aakash    tty7          2022-10-02 18:53 (:0)
```

root@kali