Muhammad Abdullah

221546

LAB MANUAL NUMBER 01

COMMAND NUMBER 01:

```
zsh: corrupt history file /home/kali/.zsh_history

___(kali b kali)-[~]
$ echo Abdullah
Abdullah

____(kali b kali)-[~]
```

Echo outputs anything on the terminal or a file.

COMMAND NUMBER 02:

```
(kali@ kali)-[~]
kali tty7 2024-02-11 22:30 (:0)

[kali@ kali)-[~]
[kali@ kali)-[~]
```

Who tells about login name, date and time.

COMMAND NUMBER 03:

```
(kali® kali)-[~]
$ whoami
kali

(kali® kali)-[~]

$ $ \begin{align*}
\begin{align
```

Whoami Tells the username.

COMMAND NUMBER 04:

Uptime Tell how long the system has been up.

COMMAND NUMBER 05:

Uname Tells the system name

COMMAND NUMBER 06:

Hostname Display the hostname of the system.

COMMAND NUMBER 07:

```
__(kali⊕ kali)-[~]

$ pwd

/home/kali
```

Pwd Tells current working directory

COMMAND NUMBER 08:

```
| Cali@ kali)-[~]
| 192.168.216.132 | Find | L.py | Pictures | Practice-01.log.csv | Sind | Public | Sind | Sind | Sind | Public | Sind | Public | Sind | Si
```

Ls tells all the elements within a particular directory.

COMMAND NUMBER 09:



Clear clears the whole terminal.

COMMAND NUMBER 10:

```
(kali@ kali)-[~/Documents]
$ touch 221546

[kali@ kali)-[~/Documents]
$ 1s
221546

[kali@ kali)-[~/Documents]
```

Touch creates an empty file

COMMAND NUMBER 11:

mkdir creates a new directory.

COMMAND NUMBER 12:

Cd means change directory.

COMMAND NUMBER 13:

mv moves the elements within a file to another file of different name.

COMMAND NUMBER 14:

```
___(kali⊕ kali)-[~/Documents]
_$ cat hello.txt
Hello World ;)
```

Cat contaminates file data and shows it on the terminal.

COMMAND NUMBER 15:

```
(kali@ kali)-[~/Documents]
$ cp hello.txt new.txt

(kali@ kali)-[~/Documents]
$ cat hello.txt
Hello World ;)

(kali@ kali)-[~/Documents]
$ cat new.txt
Hello World ;)
```

Cp copies the elements of one file into another file.

COMMAND NUMBER 16:

```
(kali@ kali)-[~/Documents]
$ touch new2.txt

(kali@ kali)-[~/Documents]
$ 15
221546 hello.txt new2.txt new.txt Radeel.221544

(kali@ kali)-[~/Documents]
$ cat new2.txt

(kali@ kali)-[~/Documents]
$ "
```

Touch creates a new but empty file.

COMMAND NUMBER 17:

```
(kali⊕ kali)-[~/Documents]
$ date
Sun Feb 11 11:01:11 PM EST 2024
```

Date command tell the current data.

COMMAND NUMBER 18:

```
____(kali⊕ kali)-[~/Documents]
$ wc -l new.txt
1 new.txt
```

Wc command tells the number of lines in a file.

COMMAND NUMBER 19:

Chmod gives permissions to users to read or write or do both or do non.

COMMAND NUMBER 20:

```
___(kali⊕ kali)-[~/Documents]
shap man nmap
```

```
NAME(1)

Name | Name | Network exploration tool and security / port scanner

SYNOPSIS

| mmap | Scan | Type ... | [Options] | [target specification]

DESCRIPTION
| Name | (Network Mapper") is an open source tool for network exploration and security auditing. It was designed to rapidly scan large networks, although it works fine against single hosts. Namp uses raw IP packets in novel ways to determine what hosts are available on the network, what services (application name and version) those hosts are offering, what type start as expressed (application name and version) those hosts are offering, what operating systems (and OS versions) they are running, what type of packet services (application name and version) those hosts are offering, what operating systems (and OS versions) they are running, what type of packet services (application name and version) those hosts are offering, what operating systems (and OS versions) they are running, what type of packet services (application name and version) those hosts are offering, what operating systems (and OS versions) they are running, what type of packet services (application name and version) shows a service and version shows a service of packet services (application name and version) shows a service of packet services (application name and version) shows a service of packet services (application name and version) shows a service of packet services (application) shows a service of shows a s
```

Man gives manual related to a command suppose here I used the following command that gave me the manual of namp

\$ man nmap

COMMAND NUMBER 21:

```
___(kali⊕kali)-[~/Documents]
$ less hello.txt
```

Hello World ;)
hello.txt (END)

Less shows the less contents the very large file.

COMMAND NUMBER 22:

```
(kali® kali)-[~/Documents]
$ rm -rf Radeel.221544

(kali® kali)-[~/Documents]
$ LS
LS: command not found

(kali® kali)-[~/Documents]
$ ls
221546 hello.txt new2.txt new.txt

(kali® kali)-[~/Documents]
$ "
```

rm -rf command removes/deletes a directory

COMMAND NUMBER 23:

```
(kali⊕ kali)-[~/Documents]
$ cat hello.txt

Hello World;)
Football
Abdullah

(kali⊕ kali)-[~/Documents]
$ sort hello.txt

Abdullah
Football
Hello World;)
```

Sort command sorts the elements of a particular file.

COMMAND NUMBER 24:

Exit command is used to exit the shell

COMMAND NUMBER 25:

```
(kali⊕kali)-[~/Documents]
                                                -(kali@kali)-[~/Documents]
 -$ head /usr/share/wordlists/rockyou.txt
                                              -$ tail /usr/share/wordlists/rockyou.txt
123456
                                                    1234567
12345
123456789
password
iloveyou
princess
                                             ExCvBnM,
1234567
                                             ie168
rockyou
                                             abygurl69
                                             a6_123
12345678
abc123
                                             *7¡Vamos!
```

Head and tail commands tell first 10 and last 10 elements of a file

COMMAND NUMBER 26:

```
(kali@ kali)-[~/Documents]
$ grep 123456 /usr/share/wordlists/rockyou.txt
123456
123456789
12345678
```

Geps finds matching text with the text that you have entered.

COMMAND NUMBER 27:

Rm command is used to remove a file in a directory.

COMMAND NUMBER 28:

```
(kali@ kali)-[~/Documents]
$ sort hello.txt
Abdullah
Football
Hello World ;)

(kali@ kali)-[~/Documents]
$ sort -r hello.txt
Hello World ;)
Football
Abdullah
```

Sort -r command removes the sort that you have applied.

MY 'CAL' AND 'BC' COMMMANDS WEREN'T WORKING ON KALI LINUX