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1. Mkdir

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar\$ mkdir one

2. Cd

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar\$ cd one
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$

3. touch

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ touch file1.txt

4 nanc

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ nano file1.txt

5. :q!



## 6. Carriage return



#### 7. write



8. cat

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ cat file1.txt
This is file No.1
```

9. clear

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ clear
```

10. vim

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ vim file1.txt

#### 11. Insert Mode

#### 12. Esc Mode

```
13. ls
```

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ ls file1.txt

14. pwd

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ pwd
/mnt/c/Users/Mr Sagar Kumar/one

15. cd ..

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ cd ..
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar\$

16. cd -

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar\$ cd /mnt/c/Users/Mr Sagar Kumar/one

17. cd ~

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ cd ~
root1@RADHERADHE:~\$

18. find <filename>

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar\$ find one one one one/file1.txt

19. head

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ head file1.txt
This is line 1 of file1
This is line 2 of file1
This is line 3 of file1
This is line 4 of file1
This is line 5 of file1
This is line 6 of file1
This is line 7 of file1
This is line 8 of file1
This is line 8 of file1
This is line 9 of file1
This is line 9 of file1
```

20. cat

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ cat file1.txt > file2.txt

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ tail file1.txt
This is line 6 of file1
This is line 7 of file1
This is line 8 of file1
This is line 9 of file1
This is line 10 of file1
This is line 11 of file1
This is line 12 of file1
This is line 12 of file1
This is line 13 of file1
This is line 13 of file1
This is line 14 of file1
This if line 15 of file1
```

#### **22.** diff

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ diff file1.txt file2.txt
1,15c1,14
< This is line 1 of file1
< This is line 2 of file1
< This is line 3 of file1
< This is line 4 of file1
< This is line 5 of file1
< This is line 6 of file1
< This is line 7 of file1
< This is line 8 of file1
< This is line 9 of file1
< This is line 10 of file1
< This is line 11 of file1
< This is l ine 12 of file1
< This is line 13 of file1
< This is line 14 of file1
< This if line 15 of file1
> This is line 1 of file2
> This is line 2 of file2
> This is line 3 of file2
> This is line 4 of file2
> This is line 5 of file2
> This is line 6 of file2
> This is line 7 of file2
> This is line 8 of file2
> This is line 9 of file2
> This is line 10 of file2
> This is line 11 of file2
> This is l ine 12 of file2
> This is line 13 of file2
> This is line 14 of file2
```

#### 23. nl

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ nl file1.txt
    1 This is line 1 of file1
    2 This is line 2 of file1
    3 This is line 3 of file1
    4 This is line 4 of file1
    5 This is line 5 of file1
    6 This is line 6 of file1
    7 This is line 7 of file1
    8 This is line 8 of file1
    9 This is line 9 of file1
   10 This is line 10 of file1
   11 This is line 11 of file1
   12 This is l ine 12 of file1
   13 This is line 13 of file1
   14 This is line 14 of file1
   15 This if line 15 of file1
```

24. wc

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ wc file2.txt
14  85  342  file2.txt
```

25. hostname

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ hostname RADHERADHE

26. hostname -i

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ hostname -i 127.0.1.1
```

27, whoami

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ whoami
root1
```

28. who

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ who
root1 pts/1 2024-03-21 10:10
```

# **29.** ping

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ ping 127.0.1.1 PING 127.0.1.1 (127.0.1.1) 56(84) bytes of data.
64 bytes from 127.0.1.1: icmp_seq=1 ttl=64 time=0.760 ms
64 bytes from 127.0.1.1: icmp_seq=2 ttl=64 time=0.032 ms
64 bytes from 127.0.1.1: icmp_seq=3 ttl=64 time=0.040 ms
64 bytes from 127.0.1.1: icmp_seq=4 ttl=64 time=0.041 ms
64 bytes from 127.0.1.1: icmp_seq=5 ttl=64 time=0.172 ms
^C
--- 127.0.1.1 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4089ms
rtt min/avg/max/mdev = 0.032/0.209/0.760/0.280 ms
```

# 30. grep

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ grep "line" file1.txt
This is line 1 of file1
This is line 2 of file1
This is line 3 of file1
This is line 4 of file1
This is line 5 of file1
This is line 6 of file1
This is line 7 of file1
This is line 8 of file1
This is line 9 of file1
This is line 10 of file1
This is line 11 of file1
This is line 11 of file1
This is line 13 of file1
This is line 14 of file1
This is line 15 of file1
```

## 31. tac

```
This if line 15 of file1
This is line 14 of file1
This is line 13 of file1
This is l ine 12 of file1
This is line 11 of file1
This is line 10 of file1
This is line 9 of file1
This is line 8 of file1
This is line 7 of file1
This is line 6 of file1
This is line 5 of file1
This is line 4 of file1
This is line 3 of file1
This is line 2 of file1
This is line 1 of file1
```

#### 32. ls -a

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ ls -a file1.txt file2.txt

#### 33. ls -h

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ ls -h
file1.txt file2.txt

#### 34. ls -d

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ ls -d

### 35. ls -i

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ ls -i 65020719620184750 file1.txt 5348024557912209 file2.txt

#### 36. locate one

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ locate one
/etc/timezone
/etc/fonts/conf.avail/10-hinting-none.conf
/etc/ssl/certs/TeliaSonera\_Root\_CA\_v1.pem
/mnt/c/Program Files/Apache Software Foundation/Tomcat 10.1/webapps/exampl
es/jsp/forward/one.jsp
/mnt/c/Program Files/Apache Software Foundation/Tomcat 10.1/webapps/exampl
es/jsp/forward/one.jsp.html
/mnt/c/Program Files/Apache Software Foundation/apache-tomcat-10.1.12-wind
ows-x64/apache-tomcat-10.1.12/webapps/examples/jsp/forward/one.jsp
/mnt/c/Program Files/Apache Software Foundation/apache-tomcat-10.1.12-wind
ows-x64/apache-tomcat-10.1.12/webapps/examples/jsp/forward/one.jsp.html
/mnt/c/Program Files/Apache Software Foundation/glassfish4/glassfish/lib/s
chemas/weblogic-wsee-standaloneclient
^C

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ date Thu Mar 21 10:52:52 PKT 2024
```

#### **37.** date

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ time
real 0m0.000s
user 0m0.000s
sys 0m0.000s
```

### 38. cal

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ cal

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Su Mo Tu We Th Fr Sa

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

31
```

#### 39. man

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ man What manual page do you want?
For example, try 'man man'.
```

#### 40. mv

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ mv file1.txt fileone.txt
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ ls
file2.txt fileone.txt
```

# 41. cp

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ cp fileone.txt file3.txt

### 42. uname

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ uname Linux

# 43. ip

#### 44. uname -i

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ uname -i x86\_64

# **45.** help

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ help
GNU bash, version 5.1.16(1)-release (x86_64-pc-linux-gnu)
These shell commands are defined internally. Type `help' to see this list.
Type `help name' to find out more about the function `name'.
Use `info bash' to find out more about the shell in general.
Use `man -k' or `info' to find out more about commands not in this list.
```

# 46. history

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ history
224 ifconfig
225 grep -i "This" first.txt
226 grep -i "This" sample.txt
227 who
```

## 47. less

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar$ cd one root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ ls file2.txt file3.txt file4.txt fileone.txt root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ less file2.txt
```

#### 48. more

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ ls
   file2.txt file3.txt fileone.txt
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ more -
*** -: directory ***
```

# 49. append >>

root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one\$ touch fileone.txt file2.txt file3.txt >> file4.txt

## 50. rm

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ ls

file2.txt file3.txt file4.txt fileone.txt
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ rmdir inner
rmdir: failed to remove 'inner': Directory not empty
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ cd inner
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one/inner$ ls
innerfile.txt
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one/inner$ rm innerfile.txt
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one/inner$ ls
```

# 51. rmdir

```
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ ls

file2.txt file3.txt file4.txt fileone.txt
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ rmdir inner
root1@RADHERADHE:/mnt/c/Users/Mr Sagar Kumar/one$ ls

file2.txt file3.txt file4.txt fileone.txt
```