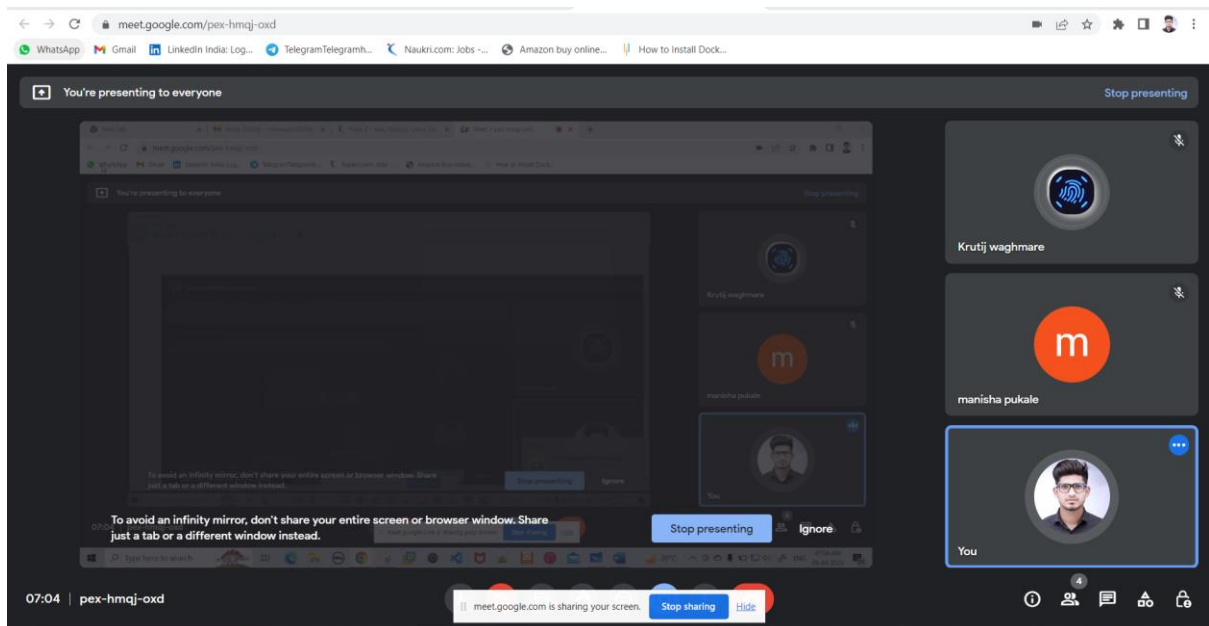


Day : 04

Linux File Permissions :



Starting our session :

Linux File Permissions :

=====

director	owner	group	other
d	rwx	r-x	r-x
d	rwx	r-x	r-x
d	rwx	r-x	r-x

drwxr-xr-x	2 ravan ravan	4096 Apr 1 23:13	Pictures
drwxr-xr-x	2 ravan ravan	4096 Apr 1 23:13	Music
drwxr-xr-x	2 ravan ravan	4096 Apr 1 23:13	Downloads
drwxr-xr-x	2 ravan ravan	4096 Apr 1 23:13	Documents
drwxr-xr-x	2 ravan ravan	4096 Apr 5 07:13	Desktop

r - read - 4
w - write - 2
x - Execut - 1

Owner rwx = 4+2+1 = 7
Group r-x = 4+0+1 = 5
Other r-x = 4+0+1 = 5

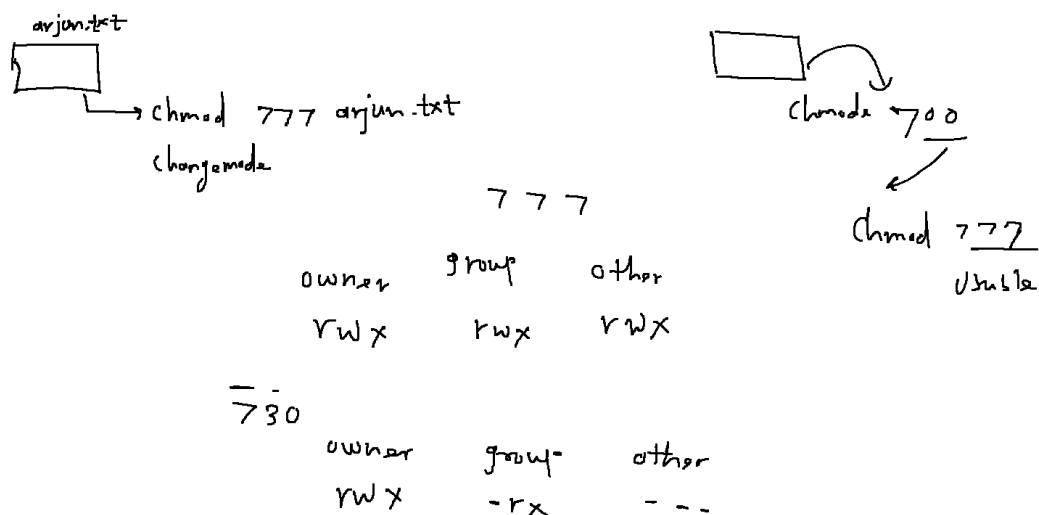
755

anyun.txt
rwx rwx rwx
-> owner
* rwx -wx ---
-> 30

file -> Krutij -> Manisha | Anju
create owner read/write read
edit/read/write/execute

owner	group	other
rwx	rwx	rw-
4+2+1	4+2+1	4+2+0
7	7	6

776



```
(ravan@kali) - [~/Desktop]
$ ls
arjun.txt

(ravan@kali) - [~/Desktop]
$ ls -ltr
total 0
-rw-r--r-- 1 ravan ravan 0 Apr  5 07:28 arjun.txt

(ravan@kali) - [~/Desktop]
$ chmod 700 arjun.txt

(ravan@kali) - [~/Desktop]
$ ls -ltr
total 0
-rwx----- 1 ravan ravan 0 Apr  5 07:28 arjun.txt

(ravan@kali) - [~/Desktop]
$
```

```
(ravan@kali) - [~/Desktop]
$ ls -ltr
total 0
-rwx----- 1 ravan ravan 0 Apr  5 07:28 arjun.txt

(ravan@kali) - [~/Desktop]
$ chmod 777 arjun.txt

(ravan@kali) - [~/Desktop]
$ ls -ltr
total 0
-rwxrwxrwx 1 ravan ravan 0 Apr  5 07:28 arjun.txt

(ravan@kali) - [~/Desktop]
$
```

```
(ravan@kali) - [~/Desktop]
$ ls -ltr
total 0
-rwxrwxrwx 1 ravan ravan 0 Apr  5 07:28 arjun.txt

(ravan@kali) - [~/Desktop]
$ chmod 067 arjun.txt

(ravan@kali) - [~/Desktop]
$ ls -ltr
total 0
----rw-rwx 1 ravan ravan 0 Apr  5 07:28 arjun.txt

(ravan@kali) - [~/Desktop]
$
```

```
(ravan@kali) - [~/Desktop]
$ chmod 777 arjun.txt

(ravan@kali) - [~/Desktop]
$ ls -ltr
total 0
-rwxrwxrwx 1 ravan ravan 0 Apr  5 07:28 arjun.txt

(ravan@kali) - [~/Desktop]
$ chmod 000 arjun.txt

(ravan@kali) - [~/Desktop]
$ ls -ltr
total 0
----- 1 ravan ravan 0 Apr  5 07:28 arjun.txt

(ravan@kali) - [~/Desktop]
$
```

- : file

d:directory

l:link

```
(ravan@kali) - [~/Desktop]
```

```
$ ls -ltr
```

```
total 0
```

```
-rwxr-xr-x 1 ravan ravan 0 Apr  5 07:28 arjun.txt
```

```
(ravan@kali) - [~/Desktop]
```

```
$ chmod +rwx * arjun.txt
```

```
(ravan@kali) - [~/Desktop]
```

```
$ ls -ltr
```

```
total 0
```

```
-rwxr-xr-x 1 ravan ravan 0 Apr  5 07:28 arjun.txt
```

```
(ravan@kali) - [~/Desktop]
```

```
$ chmod 777 arjun.txt
```

```
(ravan@kali) - [~/Desktop]
```

```
$
```