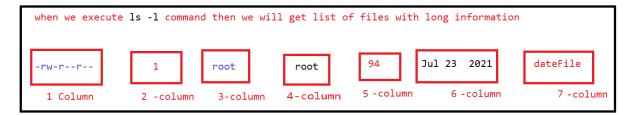
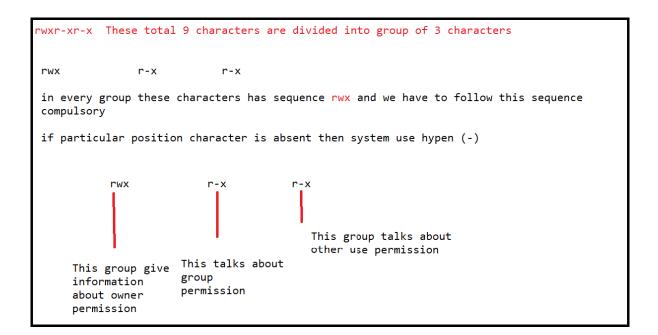
chmod command



```
1 column -> This column give information about file type and file permission
2 column -> This column give information about number of blocks allocated to the file
3 column -> This column give information about owner (Who has created file?)
4 column -> This cloumn give information about group (File belongs which group)
5 column -> This column give information about file size
6 column -> This column gives information about created/modified time of file
7 column -> File name
```



How to change file permission?

To change file permission we have to use **chmod** command chmod stands for change mode

As we know that we have 3 permission like read , write and execute

Operation	symbol	Numeric value
Read	r	4
Write	W	2
Execute	х	1

```
To change permission we need to below syntax

chmod numeric_value file_name

Here we have to specify numeric value in 3 digit

First digit is for owner permission

Second digit is for group permission

Third digit is for other user permission
```

```
Suppose we have to give read , write and execute permission for owner

4+2+1 => 7

Suppose we have to give read, write and execute permission for group

4+2+1 => 7

Suppose we have to give read, write and execute permission for other user

4+2+1 => 7

ones we get digit for owner, group and other user then use them in command syntax

chmod 777 File_name
```

```
Example 2:

suppose owner has to give read and execute permission

4+0+1 => 5

Suppose group has to give read and write permission

4+2 => 6

suppose other user has to give only write permission

0+2+0 => 2

then chmod command will become

chmod 562 File_name
```

Example 3:

chomd 175 F1.txt

175 indicate
owner has only execute permission
group has read ,write and execute permission
other user has read and execute permission

Example 4

chmod 345 F1.txt

Here 345 indicate write and execute permission are for owner only read permission for group read and execute permission for other users

Example 5

chmod 605 F1.txt

owner -> read and write permission
other -> read and execute permission
group -> no permission permission

Example

chmod 834 F1.txt

when we try to execute above command we will get an error because 8 is not valid permission number