**FILE PERMISSION**

**drwxrwxrwx 1 user user 100 sep 12 16:43 countries.txt**

**1st place**

**-**contains D means Directory

- contains “-“ means regular file

1st rwx is for **user**

2nd rwx is for **group**

3rd rwx is for **others**

**r – read**

**w – write**

**x – execute**

1 – represents “No.of links “

100 –represents “ no of bytes used by that file”

Change the user file permission

**$chmod u+rwx”/777” file\_name** 🡪 Add the file permission for all rwx to user.

**$chmod u+x file\_name** 🡪Add the file permission to read by the user.

**$chmod u+w file\_name** 🡪 Add the file permission to write by the user.

**$chmod u+r file\_name** 🡪 Add the file permission to execute by the user.

**$chmod u-rwx file\_name** 🡪Remove the file permission for all rwx to user.

**$chmod u-w file\_name** 🡪 Remove the file permission to write by the user.

**$chmod u-r file\_name** 🡪 Remove the file permission to read by the user.

**$chmod u-x file\_name** 🡪 Remove the file permission to execute by the user

Change the group file permission

**$chmod g+rwx file\_name** 🡪 Add the file permission for all rwx to group.

**$chmod g+x file\_name** 🡪Add the file permission to read by the group.

**$chmod g+w file\_name** 🡪 Add the file permission to write by the group.

**$chmod g+r file\_name** 🡪 Add the file permission to execute by the group.

**$chmod g-rwx file\_name** 🡪Remove the file permission for all rwx to group.

**$chmod g-w file\_name** 🡪 Remove the file permission to write by the group.

**$chmod g-r file\_name** 🡪 Remove the file permission to read by the group.

**$chmod g-x file\_name** 🡪 Remove the file permission to execute by the group.

Change the others file permission

**$chmod g+rwx file\_name** 🡪 Add the file permission for all rwx to other.

**$chmod g+x file\_name** 🡪Add the file permission to read by the other.

**$chmod g+w file\_name** 🡪 Add the file permission to write by the other.

**$chmod g+r file\_name** 🡪 Add the file permission to execute by the other.

**$chmod g-rwx file\_name** 🡪Remove the file permission for all rwx to other.

**$chmod g-w file\_name** 🡪 Remove the file permission to write by the other.

**$chmod g-r file\_name** 🡪 Remove the file permission to read by the other.

**$chmod g-x file\_name** 🡪 Remove the file permission to execute by the other.



