

# Permissions and Ownership

Thursday, February 27, 2025 8:42 PM

Permissions and Ownership:

a. Change the permissions of "file2.txt" to allow read, write, and execute permissions for the owner and only read permissions for others. Then, change the owner of "file2.txt" to the current user.

```
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chmod 744 file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chown $(whoami) file.txt
chown: cannot access 'file.txt': No such file or directory
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ mkdir file.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chown $(whoami) file.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ ls -l file2.txt
-rwxr--r-- 1 cdac cdac 12 Feb 27 13:54 file2.txt
```

```
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chmod 744 file2.txt
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cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ ls -l file2.txt
-rwxr--r-- 1 cdac cdac 12 Feb 27 13:54 file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chown $(whoami) file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chown $USER file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chown u+rwx,o+r file2.txt
chown: invalid user: 'u+rwx,o+r'
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chown u=rwx g=r o=x file2.txt
chown: invalid user: 'u=rwx'
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ ls -l file2.txt
-rwxr--r-- 1 cdac cdac 12 Feb 27 13:54 file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chmod u=rwx g=r o=x
chmod: cannot access 'g=r': No such file or directory
chmod: cannot access 'o=x': No such file or directory
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chmod u=rwx g=r o=x file2.txt
chmod: cannot access 'g=r': No such file or directory
chmod: cannot access 'o=x': No such file or directory
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chmod u=rwx file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chmod g=r file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chmod o=x file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ nano file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chown $USER file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ nano file2.txt
cdac@DESKTOP-4UCUGOV:~/LinuxAssignment$ chmod o=r file2.txt
```