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pc@pc-VirtualBox:~/infosec$ touch file.txt
pc@pc-VirtualBox:~/infosec$ ls -l
total 0
-rw-rw-r-- 1 pc pc 0 map 4 21:11 file.txt
pc@pc-VirtualBox:~/infosec$ ls -la
total 8
drwxrwxr-x 2 pc pc 4096 map 4 21:11 .
drwxr-x--- 15 pc pc 4096 map 4 20:56 ..
-rw-rw-r-- 1 pc pc 0 map 4 21:11 file.txt
pc@pc-VirtualBox:~/infosec$ chmod 754 file.txt
pc@pc-VirtualBox:~/infosec$ ls -l
total 0
-rwxr-xr-- 1 pc pc 0 map 4 21:11 file.txt
pc@pc-VirtualBox:~/infosec$
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```
pc@pc-VirtualBox:~/infosec$ sudo chown :mygroup file.txt
pc@pc-VirtualBox:~/infosec$ ls -l
total 0
-rwxr-xr-- 1 pc mygroup 0 Map 4 21:11 file.txt
pc@pc-VirtualBox:~/infosec$ sudo chmod o-r file.txt
pc@pc-VirtualBox:~/infosec$ ls -l
total 0
-rwxr-x--- 1 pc mygroup 0 Map 4 21:11 file.txt
pc@pc-VirtualBox:~/infosec$ su user1
Password:
user1@pc-VirtualBox:/home/pc/infosec$ ls
file.txt
user1@pc-VirtualBox:/home/pc/infosec$ echo Hello > file.txt
bash: file.txt: Permission denied
user1@pc-VirtualBox:/home/pc/infosec$ cat file.txt
user1@pc-VirtualBox:/home/pc/infosec$ ls
file.txt
user1@pc-VirtualBox:/home/pc/infosec$ sudo chown user1 file.txt
[sudo] password for user1:
Sorry, user user1 is not allowed to execute '/usr/bin/chown user1 file.txt' as root on pc-VirtualBox.
user1@pc-VirtualBox:/home/pc/infosec$ pkill -KILL -u user1
Killed
pc@pc-VirtualBox:~/infosec$ sudo chown user1 file.txt
pc@pc-VirtualBox:~/infosec$ ls
file.txt
pc@pc-VirtualBox:~/infosec$ ls -l
total 0
-rwxr-x--- 1 user1 mygroup 0 Map 4 21:11 file.txt
pc@pc-VirtualBox:~/infosec$ su user1
Password:
user1@pc-VirtualBox:/home/pc/infosec$ echo HI > file.txt
user1@pc-VirtualBox:/home/pc/infosec$ cat file.txt
user1@pc-VirtualBox:/home/pc/infosec$
```