CYBER SECURITY WEEK 5 ASSIGNMENT(MANAGE AUTHORIZATION)

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Assignment: Using numerical representation and the two files file1 and file2 created in week 4, create user1 group and then grant user1 read-only access to file1 and all access to file2, also grant group1 read-only access to file2 and all access to file1.

```
analyst@b91e4cc2976c:~$ pwd
/home/analyst
analyst@b91e4cc2976c:~$ sudo touch file1.txt
analyst@b91e4cc2976c:~$ sudo touch file2.txt
analyst@b91e4cc2976c:~$ sudo useradd user1
analyst@b91e4cc2976c:~$ sudo addgroup group1
Adding group `group1' (GID 1003) ...
Done.
analyst@b91e4cc2976c:~$ ls -l
total 12
-rw-r--r-- 1 root     root       0 Feb 28 12:46 file1.txt
-rw-r--r-- 1 root     root       0 Feb 28 12:46 file2.txt
drwxr-xr-x 2 analyst root 4096 Feb 28 11:46 notes
drwxr-xr-x 2 analyst root 4096 Feb 28 11:46 reports
drwxr-xr-x 2 analyst root 4096 Feb 28 11:46 temp
analyst@b91e4cc2976c:~$ sudo chown user1 file1.txt
analyst@b91e4cc2976c:~$ sudo chown user1 file2.txt
analyst@b91e4cc2976c:~$ sudo chgrp group1 file1.txt
analyst@b91e4cc2976c:~$ sudo chgrp group1 file2.txt
analyst@b91e4cc2976c:~$ ls -l
total 12
-rw-r--r-- 1 user1    group1     0 Feb 28 12:46 file1.txt
-rw-r--r-- 1 user1    group1     0 Feb 28 12:46 file2.txt
drwxr-xr-x 2 analyst root  4096 Feb 28 11:46 notes
drwxr-xr-x 2 analyst root  4096 Feb 28 11:46 reports
drwxr-xr-x 2 analyst root  4096 Feb 28 11:46 temp
analyst@b91e4cc2976c:~$ sudo chmod 474 file1.txt
analyst@b91e4cc2976c:~$ sudo chmod 744 file2.txt
analyst@b91e4cc2976c:~$ ls -l
total 12
-r--rwxr-- 1 user1    group1     0 Feb 28 12:46 file1.txt
-rwxr--r-- 1 user1    group1     0 Feb 28 12:46 file2.txt
drwxr-xr-x 2 analyst root  4096 Feb 28 11:46 notes
drwxr-xr-x 2 analyst root  4096 Feb 28 11:46 reports
drwxr-xr-x 2 analyst root  4096 Feb 28 11:46 temp
analyst@b91e4cc2976c:~$
```