MODULE: LINUX BASICS ASSIGNMENT 2

HR Logs Audit: Navigate a provided directory tree of log files, filter the last 7 days, copy to an 'audit' folder, and fix read permissions for team use.

(CREATING DUMMY DATA TO PERFORM THE GIVEN ACTIONS USED GIT BASH TO EXECUTE AND ONLINE LINUX TERMINAL TO CHANGE PERMISSION)

```
MADHAV@LAPTOP-SHJ6TMRP MINGW64 ~/hr_logs (master)
$ ls
audit/  logs/
```

Navigating to the logs files directory

```
MADHAV@LAPTOP-SHJ6TMRP MINGW64 ~/hr_logs (master)
$ cd logs
```

All the log files in the logs directory

```
MADHAV@LAPTOP-SHJ6TMRP MINGW64 ~/hr_logs/logs (master)
$ ls
hr_log1.log  hr_log10.log  hr_log2.log  hr_log3.log  hr_log4.log  hr_log5.log  hr_log6.log  hr_log7.log  hr_log8.log  hr_log9.log
```

Last 7 logs

```
MADHAV@LAPTOP-SHJ6TMRP MINGW64 ~/hr_logs/logs (master)
$ ls -lt
total 1
-rw-r--r-- 1 MADHAV 197121  0 Dec 23 13:34 hr_log10.log
-rw-r--r-- 1 MADHAV 197121  0 Dec 23 13:33 hr_log9.log
-rw-r--r-- 1 MADHAV 197121  0 Dec 23 13:33 hr_log8.log
-rw-r--r-- 1 MADHAV 197121  0 Dec 23 13:33 hr_log7.log
-rw-r--r-- 1 MADHAV 197121  0 Dec 23 13:33 hr_log6.log
-rw-r--r-- 1 MADHAV 197121 39 Dec 23 13:27 hr_log1.log
-rw-r--r-- 1 MADHAV 197121  0 Dec 23 13:25 hr_log5.log
```

Copy the log files into the audit directory

```
MADHAV@LAPTOP-SHJ6TMRP MINGW64 ~/hr_logs/logs (master)
$ cp hr_log10.log hr_log9.log hr_log8.log hr_log7.log hr_log6.log hr_log1.log hr_log5.log ../audit/
```

```
MADHAV@LAPTOP-SHJ6TMRP MINGW64 ~/hr_logs/logs (master)
$ cd ..

MADHAV@LAPTOP-SHJ6TMRP MINGW64 ~/hr_logs (master)
$ cd audit

MADHAV@LAPTOP-SHJ6TMRP MINGW64 ~/hr_logs/audit (master)
$ ls
hr_log1.log  hr_log10.log  hr_log5.log  hr_log6.log  hr_log7.log  hr_log8.log  hr_log9.log
```

Change permissions to the team(group) using chmod

```
onworks@onworks:~/hr_logs/audit$ ls -l hr_log1.log
-rw-rw-r-- 1 onworks onworks 0 Dez 23 09:38 hr_log1.log
onworks@onworks:~/hr_logs/audit$ chmod g= hr_log1.log
onworks@onworks:~/hr_logs/audit$ ls -l hr_log1.log
-rw----r-- 1 onworks onworks 0 Dez 23 09:38 hr_log1.log
onworks@onworks:~/hr_logs/audit$ chmod g=rwx hr_log1.log
onworks@onworks:~/hr_logs/audit$ ls -l hr_log1.log
-rw-rwxr-- 1 onworks onworks 0 Dez 23 09:38 hr_log1.log
```