

2

1

```
[tln32@class-login tln32]$ ls -al
total 0
drwx—— 2 tln32 csds312 4096 Feb  3 21:53 .
drwxrwx— 2 sxx125 csds312 4096 Feb  3 21:49 ..
drwx—— 2 tln32 csds312 4096 Feb  3 21:56 assignment
drwx—— 2 tln32 csds312 4096 Feb  3 21:53 datascience
[tln32@class-login tln32]$ ls -al assignment/RandomUpload
total 0
drwxr-xr-x 2 tln32 csds312 4096 Feb  3 21:56 .
drwx—— 2 tln32 csds312 4096 Feb  3 21:56 ..
drwx—— 2 tln32 csds312 4096 Dec  8 16:22 GA402XVAS318
```

2

```
[tln32@class-login csds312]$ pwd
/mnt/vstor/courses/csds312/tln32/datascience/csds312
[tln32@class-login csds312]$ ls -al
total 0
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 .
drwx—— 2 tln32 csds312 4096 Feb  3 22:00 ..
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 AccelCPlus
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 cuda
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 datalevelparallelism
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 datascience
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 debugging
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 deepLearning
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 gutenber-project
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 hadoop
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 hellocuda
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 kubernetes
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 LAMMPS
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 matlab
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 mpi
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 openacc
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 profiling
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 programming
```

```

drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 python
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 python-threading
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 read-write-speed
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 rendering
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 simd
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 singularity
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 spark-standalone
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 stack
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 visualization
drwxr-x— 2 tln32 csds312 4096 Feb  3 22:00 xor

```

3

```

[tln32@class-login2 ~]$ ln -s
/mnt/pan/courses/csds312/tln32/datascience/csds312 csds312
[tln32@class-login2 ~]$ ls -al
total 4
drwxr-xr-x  2 tln32 csds312 4096 Feb  3 22:11 .
drwxr-xr-x 10 root  root  4096 Feb  3 11:37 ..
drwx——  2 tln32 csds312 4096 Jan 14 17:12 .apptainer
-rw——  1 tln32 csds312 1063 Feb  3 22:10 .bash_history
-rw-r--r-- 1 tln32 csds312  18 Feb 10  2024 .bash_logout
-rw-r--r-- 1 tln32 csds312 141 Feb 10  2024 .bash_profile
-rw-r--r-- 1 tln32 csds312  376 Feb 10  2024 .bashrc
drwx——  2 tln32 csds312 4096 Jan 14 17:12 .cache
drwxr-xr-x  2 tln32 csds312 4096 Jan 14 17:12 .config
lrwxrwxrwx  1 tln32 csds312  50 Feb  3 22:11 csds312 →
/mnt/pan/courses/csds312/tln32/datascience/csds312
lrwxrwxrwx  1 tln32 csds312  25 Jan 14 17:12 CSE_MSE_RXF131 →
/mnt/vstor/CSE_MSE_RXF131
-rw-r--r-- 1 tln32 csds312  14 Jan 12 22:11 .forward
drwxr-xr-x  2 tln32 csds312 4096 Jan 14 17:12 .local
drwxr-xr-x  2 tln32 csds312 4096 Jan 14 17:12 .ollama
drwxr-xr-x  2 tln32 csds312 4096 Jan 13 18:06 ondemand
-rw-r--r-- 1 tln32 csds312   0 Jan 14 17:12 .Rprofile
drwx——  2 tln32 csds312 4096 Jan 13 18:07 .ssh

```

4

```

[tln32@class-login2 tln32]$ chmod -R 700 *
[tln32@class-login2 tln32]$ ls -al
total 0

```

```
drwx—— 2 tln32 csds312 4096 Feb 3 21:53 .  
drwxrwx— 2 sxg125 csds312 4096 Feb 3 21:49 ..  
drwx—— 2 tln32 csds312 4096 Feb 3 21:56 assignment  
drwx—— 2 tln32 csds312 4096 Feb 3 22:00 datascience
```

5

✓ Answer ✓

Everything is set to `700` as I have no need for other people to be snooping in my files.
`700` means I have full permissions while everyone else has none.

6

```
[tln32@class-login2 csds312]$ pwd  
/mnt/pan/courses/csds312  
[tln32@class-login2 csds312]$ ls -al | wc -l  
68
```

7

```
[tln32@class-login2 csds312]$ srun -A csds312 -p markov_cpu --pty  
/bin/bash  
[tln32@classct015 csds312]$ module load Python/3.12.3-GCCcore-13.3.0  
[tln32@classct015 csds312]$ python  
Python 3.12.3 (main, Oct 16 2024, 21:26:15) [GCC 13.3.0] on linux  
Type "help", "copyright", "credits" or "license" for more information.  
>>> print("Interactive")  
Interactive
```

```
[tln32@class-login2 temp]$ echo "print(\"batch\")" > test.py  
[tln32@class-login2 temp]$ cat test.py  
print("batch")  
[tln32@class-login2 temp]$ sbatch job.slurm  
Submitted batch job 18440  
[tln32@class-login2 temp]$ cat slurm-18440.out  
batch
```