Task 1. Check file and directory details

```
researcher2@29387e574fd0:~$ ls -l /home/researcher2/projects
total 20
drwx--x--- 2 researcher2 research_team 4096 Oct 17 20:19 drafts
-rw-rw-rw- 1 researcher2 research_team   46 Oct 17 20:19 project_k.txt
-rw-r----- 1 researcher2 research_team   46 Oct 17 20:19 project_m.txt
-rw-rw-r-- 1 researcher2 research_team   46 Oct 17 20:19 project_r.txt
-rw-rw-r-- 1 researcher2 research_team   46 Oct 17 20:19 project_t.txt
researcher2@29387e574fd0:~$
```

Hidden file

```
researcher2@29387e574fd0:~$ ls -a /home/researcher2/projects
.   ..   .project_x.txt  drafts  project_k.txt  project_m.txt  project_r.txt  project_t.txt
researcher2@29387e574fd0:~$
```

Task 2. Change file permissions

```
researcher2@29387e574fd0:~$ cd /home/researcher2/projects
researcher2@29387e574fd0:~/projects$ ls -la
total 32
drwxr-xr-x 3 researcher2 research_team 4096 Oct 17 20:19 .
drwxr-xr-x 3 researcher2 research_team 4096 Oct 17 20:47 ..
-rw--w---- 1 researcher2 research_team   46 Oct 17 20:19 .project_x.txt
drwx--x--- 2 researcher2 research_team 4096 Oct 17 20:19 drafts
-rw-rw-rw- 1 researcher2 research_team   46 Oct 17 20:19 project_k.txt
-rw-r----- 1 researcher2 research_team   46 Oct 17 20:19 project_m.txt
-rw-rw-r-- 1 researcher2 research_team   46 Oct 17 20:19 project_r.txt
-rw-rw-r-- 1 researcher2 research_team   46 Oct 17 20:19 project_t.txt
researcher2@29387e574fd0:~/projects$ chmod o-w project_k.txt
researcher2@29387e574fd0:~/projects$ ls -la
total 32
drwxr-xr-x 3 researcher2 research_team 4096 Oct 17 20:19 .
drwxr-xr-x 3 researcher2 research_team 4096 Oct 17 20:47 ..
-rw--w---- 1 researcher2 research_team   46 Oct 17 20:19 .project_x.txt
drwx--x--- 2 researcher2 research_team 4096 Oct 17 20:19 drafts
-rw-rw-r-- 1 researcher2 research_team   46 Oct 17 20:19 project_k.txt
-rw-r----- 1 researcher2 research_team   46 Oct 17 20:19 project_m.txt
-rw-rw-r-- 1 researcher2 research_team   46 Oct 17 20:19 project_r.txt
-rw-rw-r-- 1 researcher2 research_team   46 Oct 17 20:19 project_t.txt
researcher2@29387e574fd0:~/projects$
```