Note:Many operation might not work.Analyze them

1. Create Three level nested directory a,b and c
   * + **mkdir -p a/b/c**

a)Create at least one hidden file in each directory

* **touch a/.a.txt a/b/.b.txt a/b/c/.c.txt**

b)Create at least one normal text file in each directory

* **touch a/a.txt a/b/b.txt a/b/c/c.txt**

c)Copy c into a

* **cp -r a/b/c a/**

d)Copy file inside a into b

* **cp a/a.txt a/b/**

1. Change the third level directory c permission to read only

* **chmod 444 a/b/c**

1. Try copying third level c directory to outside of a

* **cp -r a/b/c ./**  : Permission denied

1. Create the directory data inside b

* **mkdir a/b/data**

1. Change the permission of b to read and write only
   * **chmod 666 a/b/**
2. Create directory data2 inside b

* **mkdir a/b/data2** : Permission denied

1. Create data.txt file inside b
   * **touch a/b/data.txt**  : Permission denied
2. Rename the second level c to copied\_dir

* **mv a/c a/copied\_dir**

1. Change permission of copied\_dir to only executable

* **chmod 111 a/copied\_dir/**

1. Try ls on copied\_dir

* **cd a/copied\_dir**
* **ls**  : Permission denied

1. Try moving copied\_dir to outside of a

* **mv a/copied\_dir ./** : Permission denied

1. Try moving data directory outside of a

* **mv a/data ./**

1. Now change the owner of the directory a to root

* **sudo chown root a/**

1. Change permission of a to read write and executable to only user

* **sudo chmod 700 a/**

1. Try creating directory sample inside a

* **mkdir a/sample**  : Permission denied

1. Create directory x outside a

* **mkdir x**

1. Try moving x inside a

* **mv x/ a/** :Permission denied

1. Create directory movies
   * **mkdir movies**
2. Add movies to sudo and avahi group

* **chgrp sudo movies/**
* **sudo chgrp avahi movies/**