

## OS LAB 02 Tasks

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### Task 01:

```
labuser@OptiPlex-AIO-7410-65W: ~/workspace
labuser@OptiPlex-AIO-7410-65W:~/workspace$ pwd
/home/labuser
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls
workspace
labuser@OptiPlex-AIO-7410-65W:~/workspace$ cd workspace
labuser@OptiPlex-AIO-7410-65W:~/workspace$ touch info.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ touch data.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ touch summary.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls
data.txt info.txt summary.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ 
```

### Task 02:

```
labuser@OptiPlex-AIO-7410-65W:~/workspace$ cp info.txt info_backup.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls
data.txt info_backup.txt info.txt summary.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ mv data.txt records.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls
info_backup.txt info.txt records.txt summary.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ rm summary.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls
info_backup.txt info.txt records.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ 
```

### Task 03:

```
labuser@OptiPlex-AIO-7410-65W:~/workspace
labuser@OptiPlex-AIO-7410-65W:~/workspace$ pwd
/home/labuser/workspace
labuser@OptiPlex-AIO-7410-65W:~/workspace$ mkdir archive
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls
archive info_backup.txt info.txt records.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ mv info_backup.txt archive
labuser@OptiPlex-AIO-7410-65W:~/workspace$ cd archive
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ ls
info_backup.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ cd ..
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls
archive info.txt records.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ 
```

Task 04:

```
labuser@OptiPlex-AIO-7410-65W:~/workspace$ chmod 640 info.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ chmod 640 records.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls -ltr
total 4
-rw-r---- 1 labuser labuser 0 12:02 2    فروري info.txt
-rw-r---- 1 labuser labuser 0 12:02 2    فروري records.txt
drwxrwxr-x 2 labuser labuser 4096 12:45 2    فروري archive
labuser@OptiPlex-AIO-7410-65W:~/workspace$ cd archive
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ ls
info_backup.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ chmod 640 info_backup.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ ls -ltr
total 0
-rw-r---- 1 labuser labuser 0 12:35 2    فروري info backup.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ 
```

Task 05:

```
labuser@OptiPlex-AIO-7410-65W:~/workspace$ chmod 640 info.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ chmod 640 records.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace$ ls -ltr
total 4
-rw-r---- 1 labuser labuser 0 12:02 2    فروري info.txt
-rw-r---- 1 labuser labuser 0 12:02 2    فروري records.txt
drwxrwxr-x 2 labuser labuser 4096 12:45 2    فروري archive
labuser@OptiPlex-AIO-7410-65W:~/workspace$ cd archive
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ ls
info_backup.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ chmod 640 info_backup.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ ls -ltr
total 0
-rw-r---- 1 labuser labuser 0 12:35 2    فروري info backup.txt
labuser@OptiPlex-AIO-7410-65W:~/workspace/archive$ 
```

File Name :	Owner	Group	Other User
Info.txt	Read & Write	Read only	None
records.txt	Read & Write	Read only	None
info_backup.txt	Read & Write	Read only	None

- All three files allow the owner to read and write. The group has read-only permission, while other users have no permissions.