

```
[root@swapnil ~]# mkdir /common
[root@swapnil ~]# groupadd common_group
[root@swapnil ~]# chown :common_group /common
[root@swapnil ~]# ls -ltd /common
drwxr-xr-x. 2 root common_group 6 Sep 26 03:33 /common
[root@swapnil ~]# chmod 1777 /common
[root@swapnil ~]# ls -ltd /common
drwxrwxrwt. 2 root common_group 6 Sep 26 03:33 /common
[root@swapnil ~]# useradd -m -s /bin/bash jack
[root@swapnil ~]# passwd jack
Changing password for user jack.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
```

Password:

```
[root@swapnil ~]# usermod -aG common_group jack
```

```
[root@swapnil ~]# id jack
```

```
uid=1003(jack) gid=1005(jack) groups=1005(jack),1004(common_group)
```

```
[root@swapnil ~]# su - jack
```

```
[jack@swapnil ~]$ cd /common
```

```
[jack@swapnil common]$ touch jackfile
```

```
[jack@swapnil common]$ ls
```

```
jackfile  mainfile.txt
```

```
[jack@swapnil common]$ rm mainfile.txt
```

```
rm: remove write-protected regular empty file 'mainfile.txt'? yes
```

```
rm: cannot remove 'mainfile.txt': Operation not permitted
```

```
[jack@swapnil common]$ ls
```

```
jackfile  mainfile.txt
```

```
[jack@swapnil common]$
```