

- Create a user account with the following attribute
 - username: islam
 - Fullname/comment: Islam Askar
 - Password: islam

```
[Eng.mahmoud@mahmoud Pictures]$ sudo useradd -c "Islam Askar" islam
```

```
[Eng.mahmoud@mahmoud home]$ sudo passwd islam
Changing password for user islam.
New password:
BAD PASSWORD: The password contains the user name in some form
Retype new password:
passwd: all authentication tokens updated successfully.
```

- Create a user account with the following attribute
 - Username: baduser
 - Full name/comment: Bad User
 - Password: baduser

```
[root@mahmoud ~]# useradd -c "Bad User" baduser
```

```
[root@mahmoud ~]# passwd baduser
Changing password for user baduser.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
```

- Create a supplementary (Secondary) group called pgroup with group ID of 30000

```
[root@mahmoud ~]# groupadd -g 30000 pgroup
```

```
baduser:x:1002:  
pgroup:x:30000:
```

- Create a supplementary group called badgroup

```
[root@mahmoud ~]# groupadd badgroup
```

```
pgroup:x:30000:  
badgroup:x:30001:
```

- Add islam user to the pgroup group as a supplementary group

```
[root@mahmoud ~]# usermod -G pgroup islam  
[root@mahmoud ~]# id islam  
uid=1001(islam) gid=1001(islam) groups=1001(islam),30000(pgroup)
```

- Modify the password of islam's account to password

```
[root@mahmoud ~]# passwd islam  
Changing password for user islam.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
Retype new password:  
passwd: all authentication tokens updated successfully.
```

- Modify islam's account so the password expires after 30 days

```
[root@mahmoud ~]# chage -M 30 islam
```

```
islam:$6$a0XEn5UyDwuJ/5Y5$zjbTyLyaHf10X/hi0j16qU/4Nc0jMZctvhgg9ywZdExPB7QaeV07ahgUQZ/bVNDqaaQFL0Jefk8ZCx6o02XJX0:19318:0:30:7:30::
```

- Lock bad user account so he can't log in

```
[root@mahmoud ~]# usermod -L baduser
```

- Delete bad user account

```
[root@mahmoud ~]# userdel -r baduser
```

- Delete the supplementary group called badgroup.

```
[root@mahmoud ~]# groupdel badgroup
```