

Lab2

1. Create a user account with the following attribute

? username: islam, Fullname/comment: Islam Askar, Password: islam

2. Create a user account with the following attribute

? Username: baduser, Full name/comment: Bad User, Password: baduser

```
esraatark@localhost:~  
[esraatark@localhost ~]$ sudo adduser -c "Islam Askar" -m islam  
[sudo] password for esraatark:  
[esraatark@localhost ~]$ sudo passwd islam  
Changing password for user islam.  
New password:  
BAD PASSWORD: The password is shorter than 8 characters  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[esraatark@localhost ~]$ sudo adduser -c "Bad User" -m baduser  
[esraatark@localhost ~]$ sudo 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.  
[esraatark@localhost ~]$
```

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

```
sudo: addgroup: command not found  
[esraatark@localhost ~]$ sudo groupadd -g 30000 pgroup  
[esraatark@localhost ~]$
```

4. Create a supplementary group called badgroup

```
[esraatark@localhost ~]$ sudo groupadd -g 30000 pgroup  
[esraatark@localhost ~]$ sudo groupadd badgroup  
[esraatark@localhost ~]$
```

5. Add islam user to the pgroup group as a supplementary group

```
usermod: group 'G' does not exist  
[esraatark@localhost ~]$ sudo usermod -aG pgroup islam  
[esraatark@localhost ~]$ groups islam  
islam : islam pgroup  
[esraatark@localhost ~]$
```

6. Modify the password of islam's account to password

```
islam : islam pgroup
[esraatark@localhost ~]$ sudo passwd islam
Changing password for user islam.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[esraatark@localhost ~]$
```

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

```
[esraatark@localhost ~]$ sudo chage -M 30 islam
[esraatark@localhost ~]$ sudo chage -l islam
Last password change           : Dec 24, 2024
Password expires                : Jan 23, 2025
Password inactive              : never
Account expires                : never
Minimum number of days between password change : 0
Maximum number of days between password change : 30
Number of days of warning before password expires : 7
[esraatark@localhost ~]$
```

8. Lock bad user account so he can't log in

```
[esraatark@localhost ~]$ sudo passwd -l baduser
Locking password for user baduser.
passwd: Success
[esraatark@localhost ~]$ sudo passwd -S baduser
baduser LK 2024-12-24 0 99999 7 -1 (Password locked.)
[esraatark@localhost ~]$
```

9. Delete bad user account

```
[esraatark@localhost ~]$ sudo userdel -r baduser
[esraatark@localhost ~]$ grep baduser /etc/passwd
[esraatark@localhost ~]$ grep islam /etc/passwd
islam:x:1002:1002:Islam Askar:/home/islam:/bin/bash
[esraatark@localhost ~]$
```

no output is returned, the user account has been successfully deleted

10. Delete the supplementary group called badgroup.

```
[esraatark@localhost ~]$ sudo groupdel badgroup
[esraatark@localhost ~]$ grep badgroup /etc/groups
grep: /etc/groups: No such file or directory
[esraatark@localhost ~]$ grep badgroup /etc/group
[esraatark@localhost ~]$
```

Esraa tark mohammed foda -> OS ->G2