

section1

```
mohammed@mohammed: ~  
mohammed@mohammed: ~  
mohammed@mohammed: ~$ ./usergroup.sh  
group exists  
FamilyName:x:1006:  
  
mohammed@mohammed: ~$ vi usergroup.sh  
mohammed@mohammed: ~$ ./usergroup.sh  
group exists  
FamilyName:x:1006:  
  
mohammed@mohammed: ~$ groupdel FamilyName  
groupdel: Permission denied.  
groupdel: cannot lock /etc/group; try again later.  
mohammed@mohammed: ~$ sudo groupdel FamilyName  
mohammed@mohammed: ~$ ./usergroup.sh  
sudo: duser: command not found  
usermod: user 'youName' does not exist  
FamilyName:x:1006:  
  
mohammed@mohammed: ~$ sudo groupdel FamilyName  
mohammed@mohammed: ~$ vi usergroup.sh  
mohammed@mohammed: ~$ ./usergroup.sh  
adduser: Please enter a username matching the regular expression configured  
via the NAME_REGEX[SYSTEM] configuration variable. Use the '--force-badname'  
option to relax this check or reconfigure NAME_REGEX.  
usermod: user 'youName' does not exist  
FamilyName:x:1006:  
  
mohammed@mohammed: ~$ sudo groupdel FamilyName  
mohammed@mohammed: ~$ vi usergroup.sh  
mohammed@mohammed: ~$ ./usergroup.sh  
Allowing use of questionable username.  
Adding user 'youName' ...  
Adding new group 'youName' (1007) ...  
Adding new user 'youName' (1004) with group 'youName' ...  
Creating home directory '/home/youName' ...  
Copying files from '/etc/skel' ...  
New password:  
BAD PASSWORD: The password is shorter than 8 characters  
Re-type new password:  
passwd: password updated successfully  
Changing the user information for youName  
Enter the new value, or press ENTER for the default  
Full Name []: fadyAssignment  
Room Number []: 2032  
Work Phone []:  
Home Phone []:  
Other []:  
Is the information correct? [Y/n] y  
usermod: user 'youName' does not exist  
FamilyName:x:1006:  
youName:x:1004:1007:fadyAssignment,2032,,:/home/youName:/bin/bash  
mohammed@mohammed: ~$
```

```
mohammed@mohammed:~$ ./usergroup.sh  
group exists  
FamilyName:x:1006:  
youName:x:1004:1007:fadyAssignment,2032,,:/home/youName:/bin/bash  
mohammed@mohammed:~$
```

section2

1-

```
mohammed@mohammed:~$ sudo groupadd -g 30000 pgroup
[sudo] password for mohammed:
mohammed@mohammed:~$
```

2-

```
mohammed@mohammed:~$ sudo groupadd -g 30000 pgroup
[sudo] password for mohammed:
mohammed@mohammed:~$ cd /
mohammed@mohammed:/$ passwd -l anas
passwd: Permission denied.
mohammed@mohammed:/$ sudo passwd -l anas
passwd: password expiry information changed.
mohammed@mohammed:/$ usermod -L anas
usermod: Permission denied.
usermod: cannot lock /etc/passwd; try again later.
mohammed@mohammed:/$ sudo usermod -L anas
mohammed@mohammed:/$
```

```
mohammed@mohammed: ~
mohammed@mohammed:~$ usermod -L anas
usermod: Permission denied.
usermod: cannot lock /etc/passwd; try again later.
mohammed@mohammed:~$ sudo usermod -L anas
mohammed@mohammed:~$ su - anas
Password:
su: Authentication failure
mohammed@mohammed:~$
```

3- deleting the user anas

```
mohammed@mohammed: ~
mohammed@mohammed: ~ 80x24
:/usr/sbin/nologin
rtkit:x:116:123:RealtimeKit,,,:/proc:/usr/sbin/nologin
whoopsie:x:117:124:/:nonexistent:/bin/false
sssd:x:118:125:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin
speech-dispatcher:x:119:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
fwupd-refresh:x:120:126:fwupd-refresh user,,,:/run/systemd:/usr/sbin/nologin
nm-openvpn:x:121:127:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
saned:x:122:129:/:/var/lib/saned:/usr/sbin/nologin
colord:x:123:130:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
geoclue:x:124:131:/:/var/lib/geoclue:/usr/sbin/nologin
pulse:x:125:132:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:126:65534:/:/run/gnome-initial-setup:/bin/false
hplip:x:127:7:HPLIP system user,,,:/run/hplip:/bin/false
gdm:x:128:134:Gnome Display Manager:/var/lib/gdm3:/bin/false
mohammed:x:1000:1000:mohammed,,,:/home/mohammed:/bin/bash
_flatpak:x:129:138:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin
mark:x:1001:1003:/:/home/mark:/bin/sh
zezo:x:1002:1004:/:/home/zezo:/bin/sh
youName:x:1004:1007:fadyAssigment,2032,,,:/home/youName:/bin/bash
(END)
```

4-

```
mohammed@mohammed: ~
mohammed@mohammed: ~ 80x24
mohammed@mohammed:~$ sudo groupdel FamilyName
mohammed@mohammed:~$
```

5- adduser is a script that runs the useradd with some user inputs and passwd

```
mohammed@mohammed: ~
mohammed@mohammed: ~ 95x31
mohammed@mohammed:~$ sudo adduser anas
Adding user `anas' ...
Adding new group `anas' (1005) ...
Adding new user `anas' (1003) with group `anas' ...
The home directory `/home/anas' already exists. Not copying from `/etc/skel'.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
Changing the user information for anas
Enter the new value, or press ENTER for the default
  Full Name []: anas
  Room Number []: 2032
  Work Phone []: 01015986302
  Home Phone []: 5555555
  Other []: 0
Is the information correct? [Y/n] y
mohammed@mohammed:~$ sudo useradd ahmed
mohammed@mohammed:~$
```