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

```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

nader@nader-Latitude-E5530-vPro:~$ sudo useradd islam -c "Islam Askar"
[sudo] password for nader:
nader@nader-Latitude-E5530-vPro:~$ sudo passwd islam
New password:
Retype new password:
passwd: password updated successfully
nader@nader-Latitude-E5530-vPro:~$ sudo useradd baduser -c "bad user"
nader@nader-Latitude-E5530-vPro:~$ sudo passwd baduser
New password:
Retype new password:
passwd: password updated successfully
```

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

```
nader@nader-Latitude-E5530-vPro:~$ sudo groupadd secondary -g 30000
```

4.
Create a supplementary group called badgroup

```
nader@nader-Latitude-E5530-vPro:~$ sudo groupadd badgroup
nader@nader-Latitude-E5530-vPro:~$ cat /etc/passwd
```

```
islam:x:1001:1001:Islam Askar:/home/islam:/bin/sh
baduser:x:1002:1002:bad user:/home/baduser:/bin/sh
nader@nader-Latitude-E5530-vPro:~$
```

```
secondary:x:30000:
badgroup:x:30001:
nader@nader-Latitude-E5530-vPro:~$
```

5.

Add islam user to the pgroup secondary as a supplementary group

```
nader@nader-Latitude-E5530-vPro:~$ sudo usermod -G secondary islam
nader@nader-Latitude-E5530-vPro:~$ id islam
id=1001(islam) gid=1001(islam) groups=1001(islam),30000(secondary)
nader@nader-Latitude-E5530-vPro:~$
```

6.

Modify the password of islam's account to password

```
nader@nader-Latitude-E5530-vPro:~$ id islam
uid=1001(islam) gid=1001(islam) groups=1001(islam),30000(secondary)
nader@nader-Latitude-E5530-vPro:~$ sudo passwd islam
New password:
Retype new password:
passwd: password updated successfully
nader@nader-Latitude-E5530-vPro:~$
```

7.

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

```
nader@nader-Latitude-E5530-vPro:~$ sudo chage -M 30 islam
nader@nader-Latitude-E5530-vPro:~$ sudo chage -l islam
Last password change                                    : مار 16, 2023
Password expires                                        : أبر 15, 2023
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
nader@nader-Latitude-E5530-vPro:~$
```

8.

Lock bad user account so he can't log in

```
nader@nader-Latitude-E5530-vPro:~$ sudo passwd -l baduser
passwd: password expiry information changed.
nader@nader-Latitude-E5530-vPro:~$
```

9.
Delete bad user account

```
nader@nader-Latitude-E5530-vPro:~$ sudo userdel baduser
nader@nader-Latitude-E5530-vPro:~$
```

10. Delete the supplementary group called badgroup.

```
nader@nader-Latitude-E5530-vPro:~$ sudo groupdel badgroup
nader@nader-Latitude-E5530-vPro:~$
```