

## Linux users groups task :

/etc/passwd :

```
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR,Manger:/home/Salem:/bin/bash
Sara:x:1003:1003:Shipping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR Manger:/home/Deem:/bin/bash
Naif:x:1005:1005:Shapping:/home/Naif:/bin/bash
Hanan:x:1006:1006:Sales representative:/home/Hanan:/bin/bash
Norah:x:1007:1007:HR:/home/Norah:/bin/bash
Khaled:x:1008:1008:Sales representative:/home/Khaled:/bin/bash
[root@78e8b6979d0f turki]# |
```

/etc/shadow:

```
Ali:$6$jsDJlmiryx9bhxrH$2h6ORDfznMQ1FmzcWzFyBJWT2JU01qUmRGH40R6kYPL4B5sVU1GJTgH9MsguwuD.9R5U/Iw9glg100z3zkJLU0:19592:0:99999:7:::
Salem:!!:19592:0:99999:7:::20089:
Sara:$6$W5QhSxsoOplJURU5$pf4YxlJo5rbu9H8FE.Q5iUYK0Ap89J7d8iyQZzztidYY5NYNLI8J7Q54tyYExUmljOS5v0qdz.HzeT1uQtTg0/:19592:0:99999:7:::2
9:
Deem:$6$zzf1uR4mmmMukU0q$hZ990Qzexbq8WdX6B50C2ckvZEGGwkynDwKO.WeReVUJdb4mEVwipvu6ME1xJrR7z7W8ncLD.epXdCwPd7Vcw0:19592:0:99999:7:::2
9:
Naif:$6$M/mhGrZj2mcJTnVR$ASxvLPHp0oXxTHh16K2Cn0cHA7Q3FbzMyuysotb2wTNQ9tLIwuzfytTwqtztkmTWqay5h0Vgz5TXIL0zGAze/:19592:0:99999:7:::2
9:
Hanan:$6$x.EMzKuBIYfhYE8L$r6AUivvcnWgzMfefndtc78.AfZcEZfcHvKkCOL4qdf/FTw4w2eanX3kDgv2zwFaIMNO0qhJoQLupJ79i58Ms7.:19592:0:99999:7:::
89:
Norah:$6$l9skxRt9tE.GsPHd$7w.G1FzRLYiVz29gjEJEzhWrIZZDiN3bjkTc4g00YWCsgZDjPyUTqExQEeEiMJLjd2EFTPTVQAmqzHStjFJs8.:19592:0:99999:7:::
89:
Khaled:$6$rzBaHQMGDk0B1vk9$3VKHGS3sAziJQMlbipztZzh5vn0FyjOyXo0E42YtULL0/Wm7d3xMHJ5gRAtYfZInfva7Z4Ky/LgDjIGZpi0Nn/:19592:0:99999:7:::
089:
[root@78e8b6979d0f turki]# |
```

/etc/gshadow:

```
[root@78e8b6979d0f turki]# tail -n20 /etc/gshadow
render:::
systemd-journal:::
systemd-coredump:::
systemd-resolve:::
tss:::
unbound:::
turki:::
Ali:::
Salem:::
Sara:::
Deem:::
Naif:::
Hanan:::
Norah:::
Khaled:::
CEO:$6$MVLxL/CILi$2sCevy/4IOf33RbLI.xPr0r6xnfis00Hxgfp8orvwCQ0V0jzWuLHPq/QNWJOoyicwisqTBrLRFXHEHY.Lt8j1:::Ali
Manager:::Salem
HR:$6$DQAOH/u509U/Zm$oAxxDvcUmjl1Gu80eX88l0xLqJnyCv4tsjIyRDWx5lpqdENrBNuBZ9CRUFfBNaCPpCl8wflrjZi2d6cJi300x0:::Salem,Norah,Deem
shipping:::Sara,Naif
Sales:$6$DtAeHTuS5mmuRn$G8GZUYM3sFOYgveVF/hAekLc80SYe8gjCNRMRSV1mrpzNfjLbvL6n3K10qAAJUY2HEM/VVzXt711LKqkJkXJg1:::Hanan,Khaled
[root@78e8b6979d0f turki]# |
```

## History command :

user add and user mod:

```
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR,Manger:/home/Salem:/bin/bash
[root@78e8b6979d0f turki]# usermod -e 2025-01-01 Salem
[root@78e8b6979d0f turki]# tail -n 3 /etc/passwd
turki:x:1000:1000:./home/turki:/bin/bash
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
[root@78e8b6979d0f turki]# useradd -c "Shipping" -e 2025-01-01 Sara
[root@78e8b6979d0f turki]# tail -n 3 /etc/passwd
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR,Manger:/home/Salem:/bin/bash
Sara:x:1003:1003:Shipping:/home/Sara:/bin/bash
[root@78e8b6979d0f turki]# passwd Sara
Changing password for user Sara.
New password:
Retype new password:
[root@78e8b6979d0f turki]# useradd -c "HR Manger" -e 2025-01-01 Deem
[root@78e8b6979d0f turki]# passwd Deem
Changing password for user Deem.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
[root@78e8b6979d0f turki]# useradd -c "HR Sales representative" -e 2025-01-01 Naif
[root@78e8b6979d0f turki]# passwd Naif
Changing password for user Naif.
New password:
Retype new password:
```

```

Sara:x:1003:1003:Shipping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR Manger:/home/Deem:/bin/bash
Naif:x:1005:1005:HR Sales representative:/home/Naif:/bin/bash
[root@78e8b6979d0f turki]# tail -n 4 /etc/passwd
Salem:x:1002:1002:HR,Manger:/home/Salem:/bin/bash
Sara:x:1003:1003:Shipping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR Manger:/home/Deem:/bin/bash
Naif:x:1005:1005:HR Sales representative:/home/Naif:/bin/bash
[root@78e8b6979d0f turki]# tail -n 5 /etc/passwd
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR,Manger:/home/Salem:/bin/bash
Sara:x:1003:1003:Shipping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR Manger:/home/Deem:/bin/bash
Naif:x:1005:1005:HR Sales representative:/home/Naif:/bin/bash
[root@78e8b6979d0f turki]# usermod -c "Shapping" Naif
[root@78e8b6979d0f turki]# tail -n 5 /etc/passwd
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR,Manger:/home/Salem:/bin/bash
Sara:x:1003:1003:Shipping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR Manger:/home/Deem:/bin/bash
Naif:x:1005:1005:Shapping:/home/Naif:/bin/bash
[root@78e8b6979d0f turki]# useradd -c "Sales representative" -e 2025-01-01 Hanan
[root@78e8b6979d0f turki]# passwd Hanan
Changing password for user Hanan.
New password:
Retype new password:

```

Add to the group :

```

passwd: all authentication tokens updated successfully.
[root@78e8b6979d0f turki]# groupadd CEO
[root@78e8b6979d0f turki]# groupadd Manager
[root@78e8b6979d0f turki]# groupadd HR
[root@78e8b6979d0f turki]# groupadd
Usage: groupadd [options] GROUP

```

Password add :

```
[root@78e8b6979d0f turki]# usermod -aG HR Salem
[root@78e8b6979d0f turki]# usermod -aG HR Norah
[root@78e8b6979d0f turki]# usermod -aG HR Deem
[root@78e8b6979d0f turki]# usermod -aG Shipping Sara
usermod: group 'Shipping' does not exist
[root@78e8b6979d0f turki]# usermod -aG shipping Sara
[root@78e8b6979d0f turki]# usermod -aG shipping Naif
[root@78e8b6979d0f turki]# usermod -aG Sales Hanan
[root@78e8b6979d0f turki]# usermod -aG Sales Khaled[root@78e8b6979d0f turki]# gpasswd CEO
Changing the password for group CEO
New Password:
Re-enter new password:
[root@78e8b6979d0f turki]# gpasswd HR
Changing the password for group HR
New Password:
Re-enter new password:
[root@78e8b6979d0f turki]# gpasswd Sales
Changing the password for group Sales
New Password:
Re-enter new password:
```