

```
[root@b5885d1b07cf /]# cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:65534:65534:Kernel Overflow User:/:/sbin/nologin
dbus:x:81:81:System message bus:/:/sbin/nologin
systemd-coredump:x:999:997:systemd Core Dumper:/:/sbin/nologin
systemd-resolve:x:193:193:systemd Resolver:/:/sbin/nologin
tss:x:59:59:Account used for TPM access:/dev/null:/sbin/nologin
unbound:x:998:996:Unbound DNS resolver:/etc/unbound:/sbin/nologin
Ali:x:1000:1000:CEO:/home/Ali:/bin/bash
Salem:x:1001:1001:"HR,Manager":/home/Salem:/bin/bash
Sara:x:1002:1002:Shipping:/home/Sara:/bin/bash
Deem:x:1003:1003:HR Specialist:/home/Deem:/bin/bash
Hanan:x:1004:1004:Sales representative:/home/Hanan:/bin/bash
Naif:x:1005:1005:Shipping:/home/Naif:/bin/bash
Norah:x:1006:1006:HR:/home/Norah:/bin/bash
Khaled:x:1007:1007:Sales representative:/home/Khaled:/bin/bash
[root@b5885d1b07cf /]#
```

```
[root@b5885d1b07cf /]# cat /etc/shadow
root:$6$onPnG1x3b.1JorNh$UIhkA9NArBmNe.2.aRvWj5wojrLFef/zXVjP/j57M0uohTKLkthmeq
XrWYVH/ztYlREN5SskbHFJyngGi9v6C0:19589:0:99999:7:::
bin:*:18397:0:99999:7:::
daemon:*:18397:0:99999:7:::
adm:*:18397:0:99999:7:::
lp:*:18397:0:99999:7:::
sync:*:18397:0:99999:7:::
shutdown:*:18397:0:99999:7:::
halt:*:18397:0:99999:7:::
mail:*:18397:0:99999:7:::
operator:*:18397:0:99999:7:::
games:*:18397:0:99999:7:::
ftp:*:18397:0:99999:7:::
nobody:*:18397:0:99999:7:::
dbus:!!:18885:::
systemd-coredump:!!:18885:::
systemd-resolve:!!:18885:::
tss:!!:19589:::
unbound:!!:19589:::
Ali:$6$l.aG2GABpnNhUT7h$NsloHsk6wFU36VhAmUR3Wo3uTV0Akv6rLHGMeB8MA0k4xx04wJv18wX
DffdgKv0pfYqir8bIwcY/icLEa7J6A.:19655:0:99999:7:::
Salem:$6$Ezov1cy900a4L/rX$bLoFEluuRr6U0pGKYK2XQD5lqSghBhsZdZrL6C4ag5VMfxjK7200W
jfyPPfynKNt6dR0f00gxaZxKXSYD1uSd/:19655:0:99999:7::20089:
Sara:$6$ARhgoCPEUyeSe35V$g2cqZWFdqKp29aBLDU97wQA0eSHLZoz8YeqJwHtAlP2WqF5c7NDidW
.BHbwEte1QwPdd6Ln66LJdcirsFZPHC1:19655:0:99999:7::20089:
Deem:$6$g6K8xM3/WtL06Zk1$4sse9KiWmV2cu0ieB1i3sidXKZlG1N1Wlq2688oL3QLhkSFSIsnJam
VSJMa0PrmCMn9FGcK41CenzhRVUhqBT.:19655:0:99999:7::20089:
Hanan:$6$0U2nNh1/ecUcm6YR$Njx6J1sWSy60.ENHRw2Wj6I00fYCBV2IJXVIyGB.J1ANKQZ51oIBh
7bTWLg8fT7XUuSTQE6HM9nCvKEdRbDDL/:19655:0:99999:7::20089:
Naif:$6$PBXPgHINPgUG6/n.$5zzxM6KskBt9zmGsGHhGbp7PtK3hQoKBfHDLFPSPe0f8jLRfLHg2Sl
jrxz3rGakdnS45rLAfE0wHPb9AtBvN/0:19655:0:99999:7::20089:
Norah:$6$MoqL8PY9.X3uqQnQ$ZRokdIXGN0byPFQVC2KGw3.mGSif0U7G3ZPRsqQt7urhf7FDi2XRV
/2U1Vd6UI/Mla8JHTsFRNVaJ2t3GVRNX0:19655:0:99999:7::20089:
Khaled:$6$GzxJRR6EjlWURyY2$HJ4JmLEyqeE6jE/gzX3UFn2rih44R0jTYYtbxWF2Sj.UFv6QdzKC
Mn3C.B0JvsJP7VVbpuINddm/3aegYmvhS1:19655:0:99999:7::20089:
[root@b5885d1b07cf /]#
```

```
[root@b5885d1b07cf /]# cat /etc/group
```

```
root:x:0:
```

```
bin:x:1:
```

```
daemon:x:2:
```

```
sys:x:3:
```

```
adm:x:4:
```

```
tty:x:5:
```

```
disk:x:6:
```

```
lp:x:7:
```

```
mem:x:8:
```

```
kmem:x:9:
```

```
wheel:x:10:
```

```
cdrom:x:11:
```

```
mail:x:12:
```

```
man:x:15:
```

```
dialout:x:18:
```

```
floppy:x:19:
```

```
games:x:20:
```

```
tape:x:33:
```

```
video:x:39:
```

```
ftp:x:50:
```

```
lock:x:54:
```

```
audio:x:63:
```

```
users:x:100:
```

```
nobody:x:65534:
```

```
dbus:x:81:
```

```
utmp:x:22:
```

```
utempter:x:35:
```

```
input:x:999:
```

```
kvm:x:36:
```

```
render:x:998:
```

```
systemd-journal:x:190:
```

```
systemd-coredump:x:997:
```

```
systemd-resolve:x:193:
```

```
tss:x:59:
```

```
unbound:x:996:
```

```
Ali:x:1000:
```

```
Salem:x:1001:
```

```
Sara:x:1002:
```

```
Deem:x:1003:
```

```
Hanan:x:1004:
```

```
Naif:x:1005:
```

```
Norah:x:1006:
```

```
Khaled:x:1007:
```

```
CEO:x:1008:Ali
```

```
Manager:x:1009:Salem
```

```
HR:x:1010:Salem,Norah,Deem
```

```
Shipping:x:1011:Sara,Naif
```

```
Sales:x:1012:Hanan,Khaled
```

```
[root@b5885d1b07cf /]#
```

```
49 useradd -c CEO Ali
50 passwd Ali
51 useradd -c "HR,Manager" -e 2025-01-01 Salem
52 passwd Salem
53 useradd -c Shipping -e 2025-01-01 Sara
54 passwd Sara
55 user add -c "HR Specialist" -e 2025-01-01
56 useradd -c "HR Specialist" -e 2025-01-01
57 useradd -c "HR Specialist" -e 2025-01-01
58 useradd -c "HR Specialist" -e 2025-01-01 Deem
59 passwd Deem
60 useradd -c "Sales representative" -e 2025-01-01 Hanan
61 passwd Hanan
62 useradd -c Shipping -e 2025-01-01 Naif
63 passwd Naif
64 useradd -c HR -e 2025-01-01 Norah
65 passwd Norah
66 useradd -c "Sales representative" -e 2025-01-01 Khaled
67 passwd Khaled
68 groupadd CEO
69 groupadd Manager
70 groupadd HR
71 groupadd Shipping
72 groupadd Sales
73 usermod Ali -aG CEO
74 usermod Salem -aG Manager,HR
75 usermod Norah -aG HR
76 usermod Deem -aG HR
77 usermod Sara,Naif -aG Shpping
78 usermod Sara,Naif -aG Shipping
79 usermod Sara -aG Shipping
80 usermod Naif -aG Shipping
81 usermod Hanan -aG Sales
82 usermod Khalid -aG Sales
83 usermod Khaled -aG Sales
84 gpasswd -h
85 groupmod -h
86 groupmod -p CEO
87 groupmod -p Alibabastudent001 CEO
88 groupmod -p Alibabastudent001 HR
89 groupmod -p Alibabastudent001 Sales
90 cat /etc/passwd
91 cat /etc/shadow
92 cat /etc/group
93 history
```

```
[root@b5885d1b07cf /]#
```