```
[root@1f361583a9fa /]# 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@1f361583a9fa /]# cat /etc/shadow
root:$6$onPnG1x3b.1JorNh$UIhkA9NArBmNe.2.aRvWj5wojrLFef/zXVjP/j57MOuohTKLkthmeqXrWYVH/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:$6$/.G4cck.nB1YY7AV$F2ldmpxJz6tBZx9/YJ/9RG.BqSnSDYY9Fmdmu03ZsST0WzvGQmzhKhFAOXvBG2Xh.4atobYVAODnUDPDdBQGA0:19655:0:99999:7:::
Salem:$6$WlyLmFw2Zy6/VKfo$Bj.GTT1IGvs2SAKofOc9mFPPKq5MvaBX31TK0UQJOUq1MTwTWmzJJT7LctYe4FHSU6PUOkJKHOjyD.OeSa0os/:19655:0:99999:7::20089:
Sara:$6$pVp8o6v8H6/jIXDX$gPSwqG/mF5nq3SJpomGuF9C1/VWiF5JSx6jBOQ37F3CFZrqrstXDx1VKc64Qcr1ajhvfAelLiHsbR8o8T3V3V.:19655:0:99999:7::20089:
Deem:alibaba@s1:19655:0:99999:7::20089:
Hanan:alibaba@s1:19655:0:99999:7::20089:
Naif:alibaba@s1:19655:0:99999:7::20089:
Norah:alibaba@s1:19655:0:99999:7::20089:
Khaled:alibaba@s1:19655:0:99999:7::20089:
```

```
[root@1f361583a9fa /]# 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
```

```
47  useradd -c CEO Ali
48  useradd -c "Hr, Manager" -e 2025-01-01 Salem
49  useradd -c Shipping  -e 2025-01-01 Sara
50  passwd Ali
51  passwd Salem
52  passwd Sara
53  useradd -c "HR Specialist" -p alibaba@s1  -e 2025-01-01 Deem
54  useradd -c "Sales Representative" -p alibaba@s1  -e 2025-01-01 Hanan
55  useradd -c "Shipping" -p alibaba@s1  -e 2025-01-01 Naif
56  useradd -c "HR" -p alibaba@s1  -e 2025-01-01 Norah
57  useradd -c "Sales Representative" -p alibaba@s1  -e 2025-01-01 Khaled
58  groupadd CEO
59  groupadd Manager
60  groupadd HR
61  groupadd Shipping
62  groupadd Sales
63  sudo usermod -a -G CEO Ali
64  sudo usermod -a -G Manager Salem
65  sudo usermod -a -G -M HR Salem,Norah,Deem
66  sudo usermod -a -G -M HR Salem Norah Deem
67  sudo usermod -a -G HR Salem Norah Deem
68  sudo usermod -a -G HR Salem
69  sudo usermod -a -G HR Norah
70  sudo usermod -a -G HR Deem
71  sudo usermod -a -G Shipping Sara
72  sudo usermod -a -G Shipping Naif
73  sudo usermod -a -G Sales Hanan
74  sudo usermod -a -G Sales Khaled
75  /etc/passwd
76  cat /etc/passwd
77  cat /etc/shadow
78  cat /etc/group
79  history
```