```
[root@f6536b6d2f8d /]# tail -n 20  /etc/group
kvm:x:36:
render:x:998:
systemd-journal:x:190:
systemd-coredump:x:997:
systemd-resolve:x:193:
tss:x:59:
unbound:x:996:
CEO:x:1000:Ali
Manager:x:1001:Salem
HR:x:1002:Salem,Deem,Norah
shipping:x:1003:Sara,Naif
Sales:x:1004:Hanan,Khaled
Ali:x:1005:
Salem:x:1006:
Sara:x:1007:
Deem:x:1008:
Hanan:x:1009:
Norah:x:1011:
Khaled:x:1012:
Naif:x:1013:
```

```
[root@f6536b6d2f8d /]# tail -n 20  /etc/shadow
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:alibaba@s1:19592:0:99999:7:::
Salem:alibaba@s1:19592:0:99999:7::20089:
Sara:alibaba@s1:19592:0:99999:7::20089:
Deem:alibaba@s1:19592:0:99999:7::20089:
Hanan:alibaba@s1:19592:0:99999:7::20089:
Norah:alibaba@s1:19592:0:99999:7::20089:
Khaled:alibaba@s1:19592:0:99999:7::20089:
Naif:alibaba@s1:19592:0:99999:7::20089:
[root@f6536b6d2f8d /]#
```

```
189  tail -n 15 /etc/group
190  gpasswd -a shipping Naif
191  gpasswd -a shipping  Naif
192  man gpasswd
193  userdel Naif
194  useradd -c "Shipping"   -G shipping  -p alibaba@s1  -e 2025-01-01 Naif
195  tail -n 15 /etc/group
196  gpasswd -p Alibabastudent001 CEO
197  gpasswd -p Alibabastudent001 CEO
198  passwd -g CEO
199  man passwd
200  man gpasswd
201  man groupmod
202  groupmod -p Alibabastudent001 CEO
203  groupmod -p Alibabastudent001 HR
204  groupmod -p Alibabastudent001 Sales
205  tail -n 15 /etc/passwd
206  tail -n 15 /etc/group
207  tail -n 15 /etc/shadow
208  tail -n 20 /etc/shadow
209  tail -n 20 /etc/group
210  tail -n 20 /etc/passwd
211  tail -n 20 /etc/group
212  tail -n 20 /etc/shadow
213* tail -n 20 /etc/gr
214  ls /etc | grep group
215*
216  tail -n 20 /etc/group-
217*
218  tail  /etc/shadow
219  tail -n 30 /etc/group
220  tail -n 20  /etc/group
221  tail -n 20  /etc/shadow
222  tail -n 20  /etc/passwd
223  history
```

```
148  group add CEO
149  groupadd CEO
150  groupadd Manager
151  groupadd HR
152  groupadd shipping
153  groupadd Sales
154  useradd -c "CEO" Ali
155  tail /etc/passwd
156  usermod -p Ali alibaba@s1
157  usermod -p alibaba@s1 Ali
158  tali /etc/shadow
159  tail /etc/shadow
160  useradd -c "HR, Manager" -e 2025-01-01 Salem
161  useradd -c "Shipping" -e 2025-01-01 Sara -aG Shipping
162  useradd -c "Shipping" -e 2025-01-01 Sara -G Shipping
163  useradd -c "Shipping" -e 2025-01-01 Sara -G shipping
164  useradd -c "HR Specialist" -e 2025-01-01 Deem  -G shipping -p alibaba@s1
165  usermod -p alibaba@s1 Sara
166  usermod -p alibaba@s1 Salem
167  usermod -p alibaba@s1 Ali
168  useradd -c "Sales representative" -e 2025-01-01  -G Sales  -p alibaba@s1 Hana
169  tail  /etc/passwd
170  userdel Ali
171  userdel Salem
172  userdel Sara
173  userdel Deem
174  userdel Hana
175  useradd -c "CEO"   -G CEO  -p alibaba@s1 Ali
176  tail /etc/group
177  useradd -c "HR, Manager"   -G HR, Manager  -p alibaba@s1  -e 2025-01-01 Salem
178  useradd -c "HR, Manager"   -G HR,Manager  -p alibaba@s1  -e 2025-01-01 Salem
179  useradd -c "Shipping"   -G shipping  -p alibaba@s1  -e 2025-01-01 Sara
180  useradd -c "HR Specialist"   -G HR  -p alibaba@s1  -e 2025-01-01 Deem
181  useradd -c "Sales representative"   -G Sales  -p alibaba@s1  -e 2025-01-01 Hanan
182  useradd -c "Shipping"   -G Sales  -p alibaba@s1  -e 2025-01-01 Naif
183  useradd -c "HR"   -G HR  -p alibaba@s1  -e 2025-01-01 Norah
184  useradd -c "Sales representative"   -G Sales  -p alibaba@s1  -e 2025-01-01 Khaled
185  tail /etc/shadow
186  gpasswd -p Alibabastudent001 CEO,HR,Sales
187  tail /etc/group
188  tail - 15  /etc/group
```