

# Lab3

# Linux-users-groups-task

- Create users and add the following informaion to them

Username	Role	Password	Expiration date
Ali	CEO	alibaba@s1	
Salem	HR, Manager	alibaba@s1	2025-01-01
Sara	Shipping	alibaba@s1	2025-01-01
Deem	HR Specialist	alibaba@s1	2025-01-01
Hanan	Sales representative	alibaba@s1	2025-01-01
Naif	Shipping	alibaba@s1	2025-01-01
Norah	HR	alibaba@s1	2025-01-01
Khaled	Sales representative	alibaba@s1	2025-01-01

```
50*
51* sudo useradd -m -s /bin/bash -p " alibaba@s1" "Ali" -c "CEO"
```

```
55 sudo useradd -m -s /bin/bash -p " alibaba@s1" "Salem" -c "HR, Manager" -e 2025-01-01
56 tail -n 3 /etc/passwd
57 sudo useradd -m -s /bin/bash -p " alibaba@s1" "Sara" -c "shipping" -e 2025-01-01
58 sudo useradd -m -s /bin/bash -p " alibaba@s1" "Deem" -c "HR specialist" -e 2025-01-01
59 sudo useradd -m -s /bin/bash -p " alibaba@s1" "Hanan" -c "Sales represenative" -e 2025-01-01
60 sudo useradd -m -s /bin/bash -p " alibaba@s1" "Naif" -c "shipping" -e 2025-01-01
61 sudo useradd -m -s /bin/bash -p " alibaba@s1" "Norah" -c "HR" -e 2025-01-01
62 sudo useradd -m -s /bin/bash -p " alibaba@s1" "Khaled" -c "Sales representative" -e 2025-01-01
```

## After creating users:

- Create 5 groups and add each user to its respective group.
- Add this password **Alibabastudent001** to CEO,HR, and SALES groups

Groups Name	Username
CEO	Ali
Manager	Salem
HR	Salem, Norah, Deem
Shipping	Sara, Naif
Sales	Hanan, Khaled

```
71 sudo groupadd CEO
72 tail /etc/group
73 sudo groupadd HR Shipping
74 tail /etc/passw
75 sudo groupadd HR
76 sudo groupadd Shipping
77 sudo groupadd Manager
78 sudo groupadd Sales
79 tail /etc/group
80 sudo usermod -aG CEO Ali
81 sudo usermod -aG Manager Salem
82 sudo usermod -aG HR Salem, Norah, Deem
83 sudo usermod -aG HR Salem Deem
84 sudo usermod -aG HR Salem
85 sudo usermod -aG HR Norah
86 sudo usermod -aG HR Deem
87 sudo usermod -aG Shipping Sara
88 sudo usermod -aG Shipping Naif
89 sudo usermod -aG Sales Hanan
```

```
[root@f98b3c176660 ~]# gpasswd CEO
Changing the password for group CEO
New Password:
Re-enter new password:
[root@f98b3c176660 ~]# gpasswd Manager
Changing the password for group Manager
New Password:
Re-enter new password:
[root@f98b3c176660 ~]# gpasswd HR
Changing the password for group HR
New Password:
Re-enter new password:
[root@f98b3c176660 ~]# gpasswd Shipping
Changing the password for group Shipping
New Password:
Re-enter new password:
[root@f98b3c176660 ~]# gpasswd Sales
Changing the password for group Sales
New Password:
Re-enter new password:
```

## Submission:

After finishing the lab take screen shots of the /etc/passwd & /etc/shadow & /etc/group. Then take screen shot of history output. Then upload the 4 pictures to the forked repo and then create a pull request.

```
[root@f98b3c176660 ~]# tail /etc/group
Deem:x:1004:
Hanan:x:1005:
Naif:x:1006:
Norah:x:1007:
Khaled:x:1008:
CEO:x:1009:Ali
HR:x:1010:Salem,Norah,Deem
Shipping:x:1011:Sara,Naif
Manager:x:1012:Salem
Sales:x:1013:Hanan,Khaled
[root@f98b3c176660 ~]# gpasswd CEO
Changing the password for group CEO
New Password:
Re-enter new password:
[root@f98b3c176660 ~]# gpasswd Manager
Changing the password for group Manager
New Password:
Re-enter new password:
[root@f98b3c176660 ~]# gpasswd HR
Changing the password for group HR
New Password:
Re-enter new password:
[root@f98b3c176660 ~]# gpasswd Shipping
Changing the password for group Shipping
New Password:
Re-enter new password:
[root@f98b3c176660 ~]# gpasswd Sales
Changing the password for group Sales
New Password:
Re-enter new password:
```

```
[root@f98b3c176660 ~]# tail /etc/gshadow
Deem:::
Hanan:::
Naif:::
Norah:::
Khaled:::
CEO:$6$2he0cbwB6Nqu$vmUFfqqjXZ7jNooEz9KWL9Yyb5imzLKqntQABj8cj0Q.nZxj3EoRRWNzK61tfyIFLGzgIeTJ7I1xw/43bbMgE0::Ali
HR:$6$20ZxdZLkXk/WkH$VJWpeHHY8YKB4CP2mjVovXPOE5WuK8xbZ/h2Bw12.6oWMI.kDPLwi5.6c2C7vGCzxYY7NshUnp9wbR003tWR1::Salem,Norah,Deem
Shipping:$6$PmtDUhm53o4K$rpdvaoESW7E3ipeGvslPab3.TxdVvmB3VwTLNcdY/Vm4vKMnjg1J5kn0DOP5TZRA62LTdw/nADNe0IPtj4Y180::Sara,Naif
Manager:$6$ZM8lr4HwNE$Y00rLSqUIYhg5Z010AjsLezuDdds5SA5e4NBB00Lqkzcobi.h5bRLsG9dRLW0AEsPRVhAVs1NSxCbQ2Xmo26y0::Salem
Sales:$6$850VG/5CBcc$wwhIDdmVoC6oSNCL4IK1dFauN85VWEjD2VwEMd7NjIuJPJj302.G6L40QtBYLwtWycNvjseLVzEKuvPsFh9s1::Hanan,Khaled
[root@f98b3c176660 ~]# tail /etc/passwd
unbound:x:998:996:Unbound DNS resolver:/etc/unbound:/sbin/nologin
lujain:x:1000:1000::/home/lujain:/bin/bash
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR, Manager:/home/Salem:/bin/bash
Sara:x:1003:1003:shipping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR specialist:/home/Deem:/bin/bash
Hanan:x:1005:1005:Sales representative:/home/Hanan:/bin/bash
Naif:x:1006:1006:shipping:/home/Naif:/bin/bash
Norah:x:1007:1007:HR:/home/Norah:/bin/bash
Khaled:x:1008:1008:Sales representative:/home/Khaled:/bin/bash
[root@f98b3c176660 ~]# tail /etc/group
Deem:x:1004:
Hanan:x:1005:
Naif:x:1006:
Norah:x:1007:
Khaled:x:1008:
CEO:x:1009:Ali
HR:x:1010:Salem,Norah,Deem
Shipping:x:1011:Sara,Naif
Manager:x:1012:Salem
```

```
[root@f98b3c176660 ~]# tail /etc/passwd
unbound:x:998:996:Unbound DNS resolver:/etc/unbound:/sbin/nologin
lujain:x:1000:1000:./home/lujain:/bin/bash
Ali:x:1001:1001:CEO:/home/Ali:/bin/bash
Salem:x:1002:1002:HR, Manager:/home/Salem:/bin/bash
Sara:x:1003:1003:shipping:/home/Sara:/bin/bash
Deem:x:1004:1004:HR specialist:/home/Deem:/bin/bash
Hanan:x:1005:1005:Sales represenative:/home/Hanan:/bin/bash
Naif:x:1006:1006:shipping:/home/Naif:/bin/bash
Norah:x:1007:1007:HR:/home/Norah:/bin/bash
Khaled:x:1008:1008:Sales represenative:/home/Khaled:/bin/bash
```