

# Raneem Aldaghfag

## LAB 3

```
@682457655dee/ +
~ glt:(main) ±71
docker start -ai tuwaiq-centos

[root@682457655dee /]# usermod -p CEO Alibabastudent001
usermod: user 'Alibabastudent001' does not exist
[root@682457655dee /]# groupmod -p Alibabastudent001 CEO
[root@682457655dee /]# groupmod -p Alibabastudent001 HR
[root@682457655dee /]# groupmod -p Alibabastudent001 Sales
[root@682457655dee /]# /etc/passwd
bash: /etc/passwd: Permission denied
[root@682457655dee /]# 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
amjad:x:1000:1000::/home/amjad:/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@682457655dee /]# cat /etc/shadow
root:$6$onPnG1x3b.1JorNh$UIhkA9NArBmNe.2.aRvWj5wojrLFef/zXVjP/j57M0uohTKLkthmeqXrWYVH/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::::
```



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**docker start -ai tuwaiq-centos**

```
systemd-coredump:!!:18885:~~~~~
systemd-resolve:!!:18885:~~~~~
tss:!!:19589:~~~~~
unbound:!!:19589:~~~~~
amjad:!!:19655:0:99999:7::~
Ali:$6$5Z89RPdnexAoymgi$VAtYRPqi8sMjoMtBG6vDlc5KLJpJzyC7HbU0SP6RMdQQv5K.KkSSm06RU72daBDuK3u3SRPZKSTF3utuxGG7A1:19655:0:99999:7::~
Salem:$6$z3S1b0E0m0GGBkSe$RzGD5aCClhsGBxRFtHbZDSzgSEABpEx4xZfiiKqXaRHsksymn3b.eP3HbXqFMeVG99Lpse5e1N0LPikMv0LsX1:19655:0:99999:7::~20089:
Sara:$6$N/NQxZArYmurnusA$3tUEAddIRg.X45hgsnjcLwm3vf7z.oqb.1t154eH3w7c5bk01C6w3Kh.Z3w1Zu9Vx17/YjntJJotFMapdZtPC.:19655:0:99999:7::~20089:
Deem:$6$FX3f1PGesJJZpjnl$cICgnQq3QPmh2ode8YaUMW/myFynz0DxH9s/gSLVionsXXfpWj1tKA1b2d/Qvobx0bHuWsgcSdbPylkLPRljV.:19655:0:99999:7::~20089:
Hanan:$6$084CgwfGY3Rkq0QP$DCQ5fhFnA4YYZSGfm4BCh3wXJW72B7qUBL0j0L.Nsl0Jg3CMUqL/HiqIXupumeepRH7.s4q10mIYZCYLwK5gB1:19655:0:99999:7::~20089:
Naif:$6$orcnz09FyggR1IRA$EpN/76bcu/3fjSQz4AHgTk6H5ahDKo.90NV8BFAouPydVVdzBTJ7F4G/V43oFVGlcY5diD8ljnqRP4l4IPuoL/:19655:0:99999:7::~20089:
Norah:$6$ZP7MlobLGcta0BKI$nahIxloWSgii9my2YanPQLvxR89tF7TnUb05vrYJ8tkDq4Ef2YwW0EiIj.rsI0bRAZNkNrsMugqqQ0Fh95yGT/:19655:0:99999:7::~20089:
Khaled:$6$Tt.UHPp74zPNBHte$AMF1LFhxxGkU5ayl0nHeMZspvy/eKym015v9t2F0CmUcFw7lHafkU96x1xt/S1vuzBJ4I48oBbQ6CwUmik8P40:19655:0:99999:7::~20089:
[root@682457655dee /]# 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:
amjad:x:1000:
```



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~ git:(main) ±71

**docker start -ai tuwaiq-centos**

```
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:
amjad:x:1000:
Ali:x:1001:
Salem:x:1002:
Sara:x:1003:
Deem:x:1004:
Hanan:x:1005:
Naif:x:1006:
Norah:x:1007:
Khaled:x:1008:
CEO:x:1009:Ali
Manager:x:1010:Salem
HR:x:1011:Salem,Norah,Deem
Shipping:x:1012:Sara,Naif
Sales:x:1013:Hanan,Khaled
[root@682457655dee /]#
```

# History

```
Warp File Edit View Tab Blocks Window Help
@682457655dee/ +
~ git:(main) ±71
docker start -ai tuwaiq-centos
[root@682457655dee /]# history
 1 clear
 2 exit
 3 ls
 4 yum update
 5 ping google.com
 6 cd /etc/yum.repos.d/
 7 sed -i 's/mirrorlist/#mirrorlist/g' /etc/yum.repos.d/CentOS-*
 8 sed -i 's|#baseurl=http://mirror.centos.org|baseurl=http://vault.centos.org|g' /etc/yum.repos.d/CentOS-*
 9 yum update -y
10 clear
11 ls
12 cd ~
13 ls
14 pwd
15 ls
16 cd ..
17 ls
18 cd usr
19 ls
20 cd ..
21 cd home/
22 ls
23 cd ~
24 useradd a
25 su -a a
26 su a
27 ls
28 claer
29 passwd root
30 yum install sudo passwd
31 ls
32 passwd root
33 ls
34 userdel -r a
35 ls
36 clear
37 exit
38 yum install vim man nano zip
39 yum install crontabs
40 yum install stress
41 yum install stress
42 sudo yum install -y epel-release
43 sudo yum install -y stress
```

```
Warp File Edit View Tab Blocks Window Help
@682457655dee/ +
~ git:(main) z71
docker start -ai tuwalq-centos
43 sudo yum install -y stress
44 clearls
45 ls
46 exit
47 useradd amjad
48 tail -n 5
49 man useradd
50 useradd Ali
51 useradd Salem
52 useradd Sara
53 useradd Deem
54 useradd Hanan
55 useradd Naif
56 useradd Norah
57 useradd Khaled
58 tail n -n 8 /etc/passwd
59 passwd Ali
60 passwd Salem
61 passwd Sara
62 passwd Deem
63 passwd Hanan
64 Passwd Naif
65 passwd Naif
66 passwd Norah
67 passwd Khaled
68 useradd -c "CEO" Ali
69 usermod -c "CEO" Ali
70 usermod -c "HR, Manager" Salem
71 usermod -c "Shipping" Sara
72 tail n -n 8 /etc/passwd
73 usermod -c "HR Specialist" Deem
74 usermod -c "Sales representative" Hanan
75 usermod -c "Shipping" Naif
76 usermod -c "HR" Norah
77 usermod -c "Sales representative" Khaled
78 usermod -e 2025-01-01 Salem
79 usermod -e 2025-01-01 Sara
80 usermod -e 2025-01-01 Deem
81 usermod -e 2025-01-01 Hanan
82 usermod -e 2025-01-01 Naif
83 usermod -e 2025-01-01 Norah
84 usermod -e 2025-01-01 Khaled
85 tail n -n 8 /etc/passwd
```

```
Warp File Edit View Tab Blocks Window Help
@682457655dee/ +
~ git:(main) ±71
docker start -ai tuwaiq-centos
69 usermod -c "CEO" Ali
70 usermod -c "HR, Manager" Salem
71 usermod -c "Shipping" Sara
72 tail n -n 8 /etc/passwd
73 usermod -c "HR Specialist" Deem
74 usermod -c "Sales representative" Hanan
75 usermod -c "Shipping" Naif
76 usermod -c "HR" Norah
77 usermod -c "Sales representative" Khaled
78 usermod -e 2025-01-01 Salem
79 usermod -e 2025-01-01 Sara
80 usermod -e 2025-01-01 Deem
81 usermod -e 2025-01-01 Hanan
82 usermod -e 2025-01-01 Naif
83 usermod -e 2025-01-01 Norah
84 usermod -e 2025-01-01 Khaled
85 tail n -n 8 /etc/passwd
86 groupadd CEO
87 groupadd Manager
88 groupadd HR
89 groupadd Shipping
90 groupadd Sales
91 usermod Ali -a CEO
92 Create 5 groups and add each user to its respective group.
93 usermod Ali -aG CEO
94 usermod Salem -aG Manager
95 usermod Salem -aG HR
96 usermod Norah -aG HR
97 usermod Deem -aG HR
98 usermod Sara -aG Shipping
99 usermod Naif -aG Shipping
100 usermod Hanan -aG Sales
101 usermod Khaled -aG Sales
102 usermod -p Alibabastudent001 CEO
103 usermod -p CEO Alibabastudent001
104 groupmod -p Alibabastudent001 CEO
105 groupmod -p Alibabastudent001 HR
106 groupmod -p Alibabastudent001 Sales
107 /etc/passwd
108 cat /etc/passwd
109 cat /etc/shadow
110 cat /etc/group
111 history
[root@682457655dee /]#
```