1-create users called itiuser1, itiuser2

```
weam@weam-VirtualBox:-/Desktop$ sudo passwd itiuser1
[sudo] password for weam:
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
BAD PASSWORD: The password updated successfully
weam@weam-VirtualBox:-/Desktop$ sudo passwd itiuser2
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully

Weam@weam-VirtualBox:-/Desktop$ ls -l /home
total 12
drwxr-x--- 2 itiuser1 itiuser1 4096 23:37 16
drwxr-x--- 2 itiuser2 itiuser2 4096 23:37 16
drwxr-x--- 2 itiuser2 itiuser2 4096 23:37 16
```

2-create group called os team

drwxr-x--- 16 weam weam 4096 23:41 16 فبر weam

```
passwor password updated successfutty
weam@weam-VirtualBox:~/Desktop$ sudo groupadd os_team

3-create directory called os_team_workspace

weam@weam-VirtualBox:~/Desktop$ mkdir os team workspace
```

4-assign os team group to the directory

os_team_workspaceand change mode to setgid (hint use sudo)

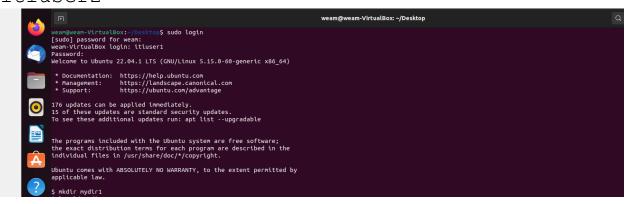
```
weam@weam-VirtualBox:~/Desktop$ sudo chgrp os_team os_team_workspace
weam@weam-VirtualBox:~/Desktop$ ls -ld os_team_workspace
drwxrwxr-x 2 weam os_team 4096 23:51 16 فبر os_team_workspace
```

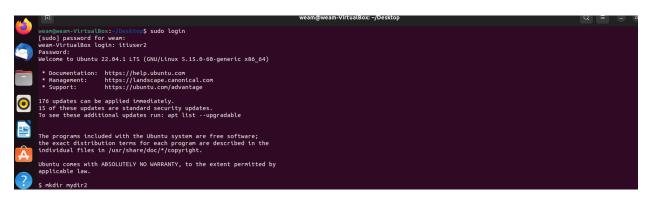
```
weam@weam-VirtualBox:~/Desktop$ sudo chmod g+s os_team_workspace
weam@weam-VirtualBox:~/Desktop$ ls -ld os_team_workspace
drwxrwsr-x 2 weam os_team 4096 23:51 16 فبر os_team_workspace
```

5-add users itituser1 and itituser2 to os teamgroup

```
weam@weam-VirtualBox:~/Desktop$ sudo usermod -a -G os_team itiuser1
weam@weam-VirtualBox:~/Desktop$ sudo usermod -a -G os_team itiuser2
weam@weam-VirtualBox:~/Desktop$ groups itiuser1
itiuser1 : itiuser1 os_team
weam@weam-VirtualBox:~/Desktop$ groups itiuser2
itiuser2 : itiuser2 os_team
```

6-create directory mydir1 using itiuser1 and mydir2 using itiuser2





7-list directory permissions and send screenshot.

```
$ ls -ld mydir1
drwxrwxr-x 2 itiuser1 itiuser1 4096 00:14 17 فبر mydir1
```

```
$ ls -ld mydir2
dr<u>w</u>xrwxr-x 2 itiuser2 itiuser2 4096 00:24 17 فبر 17 mydir2
```

8- send screenshot of all processes in tree mod

```
o
:::
```

```
gyrsd-frash 2*[{gyrsd-frash}]

-2*[{gyfsd-fuse}]

-gyrsd-fuse—5*[{gyfsd-fuse}]

-gyrsd-metadata—2*[{gyfsd-metadata}]

-tbus-portal—2*[{bbus-portal}]

-pipewire—{pipewire}

-pipewire-media-—{pipewire.sim—2*[{ibus-engine.sim}]

-sh—tbus-daemon—tbus-engine.sim—2*[{ibus-extension-}]

-ibus-memconf—2*[{ibus-daemon}]

-snap-store—4*[snap-store]]

-snapd-desktop-i—snapd-desktop-i—3*[{snapd-desktop-i}]

-tracker.miner.f—5*{{tracker.miner.f}}

-xdg-desktop-por—5*{{xdg-desktop-por}}]

-2*[xdg-desktop-por—3*{{xdg-desktop-por}}]

-xdg-document-po—fusermount3

-systend-logind
-systend-logind
-systend-logind
-systend-logind
-systend-logind
-systend-timesyn—{systemd-timesyn}
-systend-timesyn—{systemd-timesyn}
-systend-dudevd
-udisksd—4*[{udisksd}]
-unattended-upgr—{unattended-upgr}
-upowerd—2*[{upowerd}]
-wpa_supplicant
```

9-execute command tail -f /var/log/syslog

```
-systemd-timesyn—(systemd-timesyn)
-systemd-udevd
-udisksd—4*[(udisksd)]
-unattended-upgr—(unattended-upgr)
-upowerd—2*[(upowerd)]
-up_supplicant
wean@wean-VirtualBox: /besktop$ tail -f /var/log/syslog
Feb 17 00:23:38 wean-VirtualBox systemd[1412]: vte-spawn-152ed112-db8f-4207-93a5-9308dc0d27ba.scope: Consumed 1.015s CPU time.
Feb 17 00:23:42 wean-VirtualBox systemd[1412]: Started VTE child process 3859 launched by gnome-terminal-server process 3510.
Feb 17 00:23:42 wean-VirtualBox systemd[112]: Started Daily apt upgrade and clean activities...
Feb 17 00:29:47 wean-VirtualBox systemd[1]: Starting Ubuntu Advantage Timer for running repeated jobs...
Feb 17 00:30:37 wean-VirtualBox systemd[1]: Finished Ubuntu Advantage Timer for running repeated jobs...
Feb 17 00:30:31 wean-VirtualBox systemd[1]: Finished Ubuntu Advantage Timer for running repeated jobs.
Feb 17 00:32:17 wean-VirtualBox systemd[1]: Finished Ubuntu Advantage Timer for running repeated jobs.
Feb 17 00:32:17 wean-VirtualBox systemd[1]: Finished Daily apt upgrade and clean activities.
Feb 17 00:32:17 wean-VirtualBox systemd[1]: Finished Daily apt upgrade and clean activities.
Feb 17 00:32:17 wean-VirtualBox systemd[1]: Finished Daily apt upgrade and clean activities.
Feb 17 00:32:17 wean-VirtualBox systemd[1]: apt-daily-upgrade.service: Consumed 2nin 20:2265 CPU time.
```

10- find the process id PID of tail process then kill it using kill command

```
[]+ Stopped tall -f /var/log/syslog

weam@weam-VirtualBox:-/DesktopS ps

PID TIY THE CMD

3528 pts/0 00:00:00 bash
13934 pts/0 00:00:00 tall
13936 pts/0 00:00:00 ps

weam@weam-VirtualBox:-/DesktopS kill -9 13934

weam@weam-VirtualBox:-/DesktopS ps

PID TIY THE CMD

3528 pts/0 00:00:00 bash
13937 pts/0 00:00:00 bash
11937 pts/0 00:00:00 ps

tall -f /var/log/syslog

weam@waam-VirtualBox:-/DesktopS

tall -f /var/log/syslog
```