```
hager@ubuntu22:~$ sudo useradd itiuser1
hager@ubuntu22:~$ sudo useradd itiuser2
hager@ubuntu22:~$ ls /home/
hager  itiuser  itiuser1  itiuser2
hager@ubuntu22:~$
```

```
hager@ubuntu22:~$ groupadd -g 10000 os_team
groupadd: Permission denied.
groupadd: cannot lock /etc/group; try again later.
hager@ubuntu22:~$ sudo groupadd -g 10000 os_team
hager@ubuntu22:~$ mkdir os_team_workspace
hager@ubuntu22:~$ sudo chgrp os_team os_team_workspace
hager@ubuntu22:~$ ls -l os_team_workspace
total 0
hager@ubuntu22:~$ sudo chmod g+s os_team_workspace
hager@ubuntu22:~$ ls -ld os_team_workspace
drwxrwsr-x 2 hager os_team 4096 Feb 15 13:51 os_team_workspace
hager@ubuntu22:~$ sudo usermod -a -G os_team itiuser1
hager@ubuntu22:~$ sudo usermod -a -G os_team itiuser2
hager@ubuntu22:~$ getent group os_team
os_team:x:10000:itiuser1,itiuser2
hager@ubuntu22:~$
```

hager@ubuntu22: ~   ×   hager@ubuntu22: ~   ×

```
hager@ubuntu22:~$ sudo login
[sudo] password for hager:
ubuntu22 login: itiuser1
Password:
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-60-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

165 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

Last login: Wed Feb 15 14:14:08 EET 2023 on pts/2
$ ls -ld mydir1
drwxrwxr-x 2 itiuser1 itiuser1 4096 14:14 15 فبر mydir1
$
```

```
hager@ubuntu22:~$ sudo login
ubuntu22 login: hagerK_01144342836
Password:

Login incorrect
ubuntu22 login: itiuser2
Password:
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-60-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

165 updates can be applied immediately.
To see these additional updates run: apt list --upgradable


The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

$ mkdir mydir2
$ ls -ld mydir2
drwxrwxr-x 2 itiuser2 itiuser2 4096 14:17 15 فبر mydir2
$
```

```
hager@ubuntu22:~$ pstree
systemd─┬─ModemManager───2*[{ModemManager}]
        ├─NetworkManager───2*[{NetworkManager}]
        ├─VBoxDRMClient───4*[{VBoxDRMClient}]
        ├─VBoxService───8*[{VBoxService}]
        ├─accounts-daemon───2*[{accounts-daemon}]
        ├─acpid
        ├─apache2───2*[apache2───26*[{apache2}]]
        ├─avahi-daemon───avahi-daemon
        ├─colord───2*[{colord}]
        ├─cron
        ├─cups-browsed───2*[{cups-browsed}]
        ├─cupsd───2*[dbus]
        ├─dbus-daemon
        ├─gdm3─┬─gdm-session-wor─┬─gdm-wayland-ses─┬─gnome-session-b───2*[{gnom+
        │      │                 │                 └─2*[{gdm-wayland-ses}]
        │      │                 └─2*[{gdm-session-wor}]
        │      └─2*[{gdm3}]
        ├─gnome-keyring-d───3*[{gnome-keyring-d}]
        ├─2*[kerneloops]
        ├─networkd-dispat
        ├─packagekitd───2*[{packagekitd}]
        ├─polkitd───2*[{polkitd}]
        ├─power-profiles-───2*[{power-profiles-}]
        ├─rsyslogd───3*[{rsyslogd}]
        ├─rtkit-daemon───2*[{rtkit-daemon}]
        ├─snapd───8*[{snapd}]
        ├─switcheroo-cont───2*[{switcheroo-cont}]
```

hager@ubuntu22: ~   ×   hager@ubuntu22: ~   ×   hager@ubuntu22: ~   ×

```
hager@ubuntu22:~$ sudo tail -f /var/log/syslog
[sudo] password for hager:
Feb 15 14:00:03 ubuntu22 systemd[1]: Finished Cleanup of Temporary Directories.
Feb 15 14:07:01 ubuntu22 systemd[1698]: Started VTE child process 3222 launched
by gnome-terminal-server process 2464.
Feb 15 14:11:31 ubuntu22 systemd[1698]: Started VTE child process 3246 launched
by gnome-terminal-server process 2464.
Feb 15 14:14:07 ubuntu22 systemd[1698]: Starting Notification regarding a new re
lease of Ubuntu...
Feb 15 14:14:30 ubuntu22 check-new-release-gtk[3286]: WARNING:root:timeout reach
ed, exiting
Feb 15 14:14:30 ubuntu22 systemd[1698]: Finished Notification regarding a new re
lease of Ubuntu.
Feb 15 14:17:01 ubuntu22 CRON[3413]: (root) CMD (   cd / && run-parts --report /
etc/cron.hourly)
Feb 15 14:17:31 ubuntu22 systemd[1698]: Started VTE child process 3415 launched
by gnome-terminal-server process 2464.
Feb 15 14:20:28 ubuntu22 systemd[1698]: Started VTE child process 3476 launched
by gnome-terminal-server process 2464.
Feb 15 14:21:49 ubuntu22 gnome-shell[1847]: Window manager warning: Ping serial
2214751 was reused for window W2, previous use was for window W3.
```

hager@ubuntu22: ~   ×   hager@ubuntu22: ~   ×   hager@ubuntu22: ~   ×

```
hager     2382   0.0   0.0 227312   2396 ?        Sl    13:45   0:02 /usr/bin/VBoxClient -
hager     2389   0.0   0.0  29024    344 ?        S     13:45   0:00 /usr/bin/VBoxClient -
hager     2390   0.2   0.0 227828   2448 ?        Sl    13:45   0:09 /usr/bin/VBoxClient -
hager     2398   0.0   0.0  29024    352 ?        S     13:45   0:00 /usr/bin/VBoxClient -
hager     2399   0.0   0.0 161128   2252 ?        Sl    13:45   0:00 /usr/bin/VBoxClient -
hager     2464   0.4   1.3 574400  54712 ?        Rsl   13:46   0:18 /usr/libexec/gnome-te
hager     2498   0.0   0.7 511240  29948 ?        Sl    13:46   0:00 update-notifier
hager     2712   0.0   3.4 581048 139424 ?        SNl   13:47   0:03 /usr/bin/python3 /usr
root      2936   0.0   1.0 727788  41216 ?        Ssl   13:51   0:02 /usr/lib/snapd/snapd
root      3363   0.0   0.0      0      0 ?        I     14:14   0:01 [kworker/0:0-cgroup_d
hager     3528   0.0   0.1  19984   5228 pts/6    Ss    14:23   0:00 bash
hager     3541   0.3   0.1  22160   4172 pts/6    S+    14:25   0:07 top
root      3549   0.0   0.0      0      0 ?        I     14:30   0:00 [kworker/u2:2-events_
root      3578   0.0   0.0      0      0 ?        I     14:50   0:00 [kworker/u2:0-events_
hager     3605   0.1   1.4 2803656 58556 ?        Sl    14:51   0:00 gjs /usr/share/gnome-
root      3653   0.0   0.0      0      0 ?        I     14:51   0:00 [kworker/u2:3-ext4-rs
root      3659   0.0   0.0      0      0 ?        I     14:56   0:00 [kworker/0:1-events]
hager     3661   0.0   0.1  19984   5204 pts/0    Ss    14:56   0:00 bash
root      3669   0.0   0.1  23484   6080 pts/0    S+    14:56   0:00 sudo tail -f /var/log
root      3670   0.0   0.0  23484   1000 pts/1    Ss    14:56   0:00 sudo tail -f /var/log
root      3671   0.0   0.0  17380   1016 pts/1    S+    14:56   0:00 tail -f /var/log/sysl
hager     3682   0.2   0.1  19984   5116 pts/2    Ss    15:00   0:00 bash
hager     3689   0.0   0.0  21908   3760 pts/2    R+    15:00   0:00 ps -aux
hager@ubuntu22:~$ kill -9 3671
bash: kill: (3671) - Operation not permitted
hager@ubuntu22:~$ sudo kill -9 3671
[sudo] password for hager:
hager@ubuntu22:~$
```

```
-terminal-server process 2464.
Feb 15 15:00:13 ubuntu22 systemd[1698]: Started VTE child process 3682 launched by gnome
-terminal-server process 2464.
Killed
hager@ubuntu22:~$
```