

Lab 3

```
Feb 20 01:21
vboxuser@linuxxxx: ~
vboxuser@linuxxxx:~$ ls /home
iti_user1 itiuser1 iti_user2 itiuser2 vboxuser
vboxuser@linuxxxx:~$ sudo groupadd -g 10000 os_team
[sudo] password for vboxuser:
groupadd: group 'os_team' already exists
vboxuser@linuxxxx:~$ ls -l os_team_workspace
total 0
vboxuser@linuxxxx:~$ sudo chmod g+s os_team_workspace
vboxuser@linuxxxx:~$ ls -ld os_team_workspace
drwxrwsr-x 2 vboxuser os_team 4096 Feb 15 20:52 os_team_workspace
vboxuser@linuxxxx:~$ sudo usermod -a -G os_team iti_user1
vboxuser@linuxxxx:~$ sudo usermod -a -G os_team iti_user2
vboxuser@linuxxxx:~$ getent group os_team
os_team:x:10000:iti_user1,iti_user2,itiuser1,itiuser2
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vboxuser@linuxxxx:~$ sudo chgrp os_team os_team_workspace
vboxuser@linuxxxx:~$ ls -ld os_team_workspace
drwxrwsr-x 2 vboxuser os_team 4096 Feb 15 20:52 os_team_workspace
vboxuser@linuxxxx:~$ sudo chmod u+s os_team_workspace
vboxuser@linuxxxx:~$ ls -ld os_team_workspace
drwsrwsr-x 2 vboxuser os_team 4096 Feb 15 20:52 os_team_workspace
vboxuser@linuxxxx:~$ sudo usermod -a -G os_team iti_user1
vboxuser@linuxxxx:~$ sudo usermod -a -G os_team iti_user2
vboxuser@linuxxxx:~$ groups iti_user1
iti_user1 : iti_user1 os_team
vboxuser@linuxxxx:~$ groups iti_user2
iti_user2 : iti_user2 os_team
vboxuser@linuxxxx:~$ sudo passwd iti_user1
New password:
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passwd: password updated successfully
vboxuser@linuxxx:~$ sudo passwd iti_user2
New password:
Retype new password:
passwd: password updated successfully
vboxuser@linuxxx:~$ cd os_team_workspace
```

shot 1 [Running] - Oracle VM VirtualBox
View Input Devices Help

Activities Terminal Feb 20 01:25

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vboxuser@linuxxx: ~
vboxuser@linuxxx:~/os_team_workspace$ su iti_user1
Password:
$ mkdir dir_user1
$ exit
```

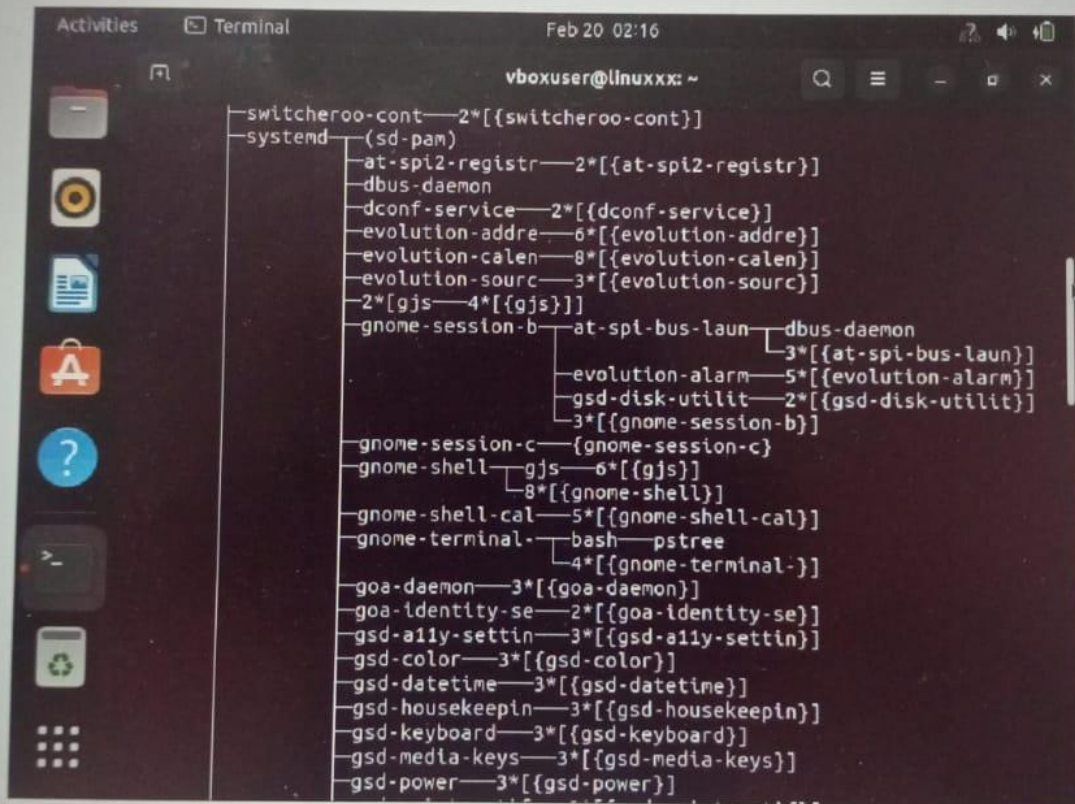
Activities Terminal Feb 20 01:26

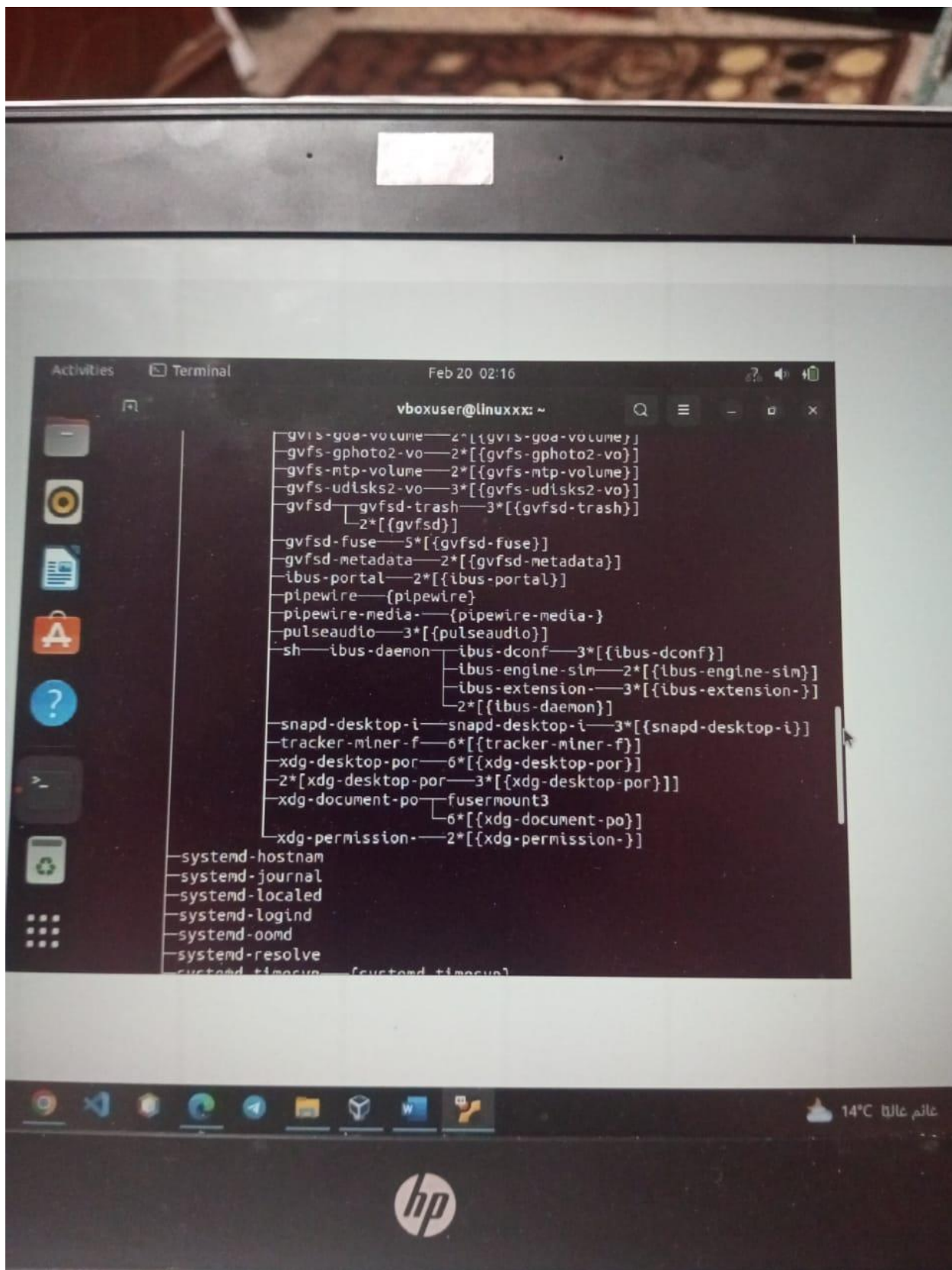
```
vboxuser@linuxxx: ~
su: authentication failure
vboxuser@linuxxx:~/os_team_workspace$ su iti_user2
Password:
$ mkdir dir_user2
$ exit
vboxuser@linuxxx:~/os_team_workspace$ su iti_user1
Password:
$ ls -ld dir_user1
drwxrwsr-x 2 iti_user1 os_team 4096 00:57 20 فبراير dir_user1
$ exit
vboxuser@linuxxx:~/os_team_workspace$ su iti_user2
Password:
$ ls -ld dir_user2
drwxrwsr-x 2 iti_user2 os_team 4096 00:59 20 فبراير dir_user2
$ exit
```


Box

```
Activities Terminal Feb 20 02:16
vboxuser@linuxxxx: ~
vboxuser@linuxxxx:~$ pstree
systemd--ModemManager--2*[{ModemManager}]
--NetworkManager--2*[{NetworkManager}]
--accounts-daemon--2*[{accounts-daemon}]
--acpid
--anacron
--apache2--2*[apache2--26*[{apache2}]]
--avahi-daemon--avahi-daemon
--colord--2*[{colord}]
--cron
--cups-browsed--2*[{cups-browsed}]
--cupsd--dbus
--dbus-daemon
--gdm3--gdm-session-wor--gdm-wayland-ses--gnome-session-b--2*[{gno+
--2*[{gdm3}]--2*[{gdm-session-wor}]--2*[{gdm-wayland-ses}]
--geoclue--2*[{geoclue}]
--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}]
--systemd--(sd-pam)
```








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Activities Terminal Feb 20 02:16
vboxuser@linuxxx: ~
systemd-located
systemd-logind
systemd-oomd
systemd-resolve
systemd-timesyn—{systemd-timesyn}
systemd-udev
udisksd—4*[{udisksd}]
unattended-upgr—{unattended-upgr}
upowerd—2*[{upowerd}]
wpa_supplicant
vboxuser@linuxxx:~$ sudo tail -f /var/log/syslog
[sudo] password for vboxuser:
Feb 20 02:13:06 linuxxx gnome-shell[1650]: Window manager warning: Overwriting
existing binding of keysym 37 with keysym 37 (keycode 10).
Feb 20 02:13:06 linuxxx gnome-shell[1650]: Window manager warning: Overwriting
existing binding of keysym 38 with keysym 38 (keycode 11).
Feb 20 02:13:06 linuxxx gnome-shell[1650]: Window manager warning: Overwriting
existing binding of keysym 33 with keysym 33 (keycode c).
Feb 20 02:13:06 linuxxx gnome-shell[1650]: Window manager warning: Overwriting
existing binding of keysym 39 with keysym 39 (keycode 12).
Feb 20 02:13:06 linuxxx dbus-daemon[1518]: [session uid=1000 pid=1518] Activati
ng service name='org.gnome.ArchiveManager1' requested by ':1.138' (uid=1000 pid
=2446 comm="gjs /usr/share/gnome-shell/extensions/ding@rasters" label="unconfin
ed")
Feb 20 02:13:08 linuxxx dbus-daemon[1518]: [session uid=1000 pid=1518] Successf
ully activated service 'org.gnome.ArchiveManager1'
Feb 20 02:13:08 linuxxx gnome-shell[1650]: DING: Detected async api for thumbna
ils
Feb 20 02:13:08 linuxxx gnome-shell[1650]: DING: GNOME nautilus 42.2
Feb 20 02:13:15 linuxxx nautilus[2425]: Could not delete 'meta-issuonlog': No
```



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Activities Terminal Feb 20 02:17
vboxuser@linuxxx: ~
vboxuser@linuxxx:~$ sudo tail -f /var/log/syslog
[sudo] password for vboxuser:
Feb 20 02:13:06 linuxxx gnome-shell[1650]: Window manager warning: Overwriting
existing binding of keysym 37 with keysym 37 (keycode 10).
Feb 20 02:13:06 linuxxx gnome-shell[1650]: Window manager warning: Overwriting
existing binding of keysym 38 with keysym 38 (keycode 11).
Feb 20 02:13:06 linuxxx gnome-shell[1650]: Window manager warning: Overwriting
existing binding of keysym 33 with keysym 33 (keycode c).
Feb 20 02:13:06 linuxxx gnome-shell[1650]: Window manager warning: Overwriting
existing binding of keysym 39 with keysym 39 (keycode 12).
Feb 20 02:13:06 linuxxx dbus-daemon[1518]: [session uid=1000 pid=1518] Activati
ng service name='org.gnome.ArchiveManager1' requested by ':1.138' (uid=1000 pid
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ed")
Feb 20 02:13:08 linuxxx dbus-daemon[1518]: [session uid=1000 pid=1518] Successf
ully activated service 'org.gnome.ArchiveManager1'
Feb 20 02:13:08 linuxxx gnome-shell[1650]: DING: Detected async api for thumbna
ils
Feb 20 02:13:08 linuxxx gnome-shell[1650]: DING: GNOME nautilus 42.2
Feb 20 02:13:16 linuxxx nautilus[2435]: Could not delete '.meta.isrunning': No
such file or directory
Feb 20 02:13:24 linuxxx systemd[1]: fprintd.service: Deactivated successfully.
^Z
[1]+  Stopped                  sudo tail -f /var/log/syslog
vboxuser@linuxxx:~$ ps
  PID TTY          TIME CMD
  2197 pts/0        00:00:00 bash
  2489 pts/0        00:00:00 ps
vboxuser@linuxxx:~$
```

