

System Admin – lab3

1. create users called itiusers1, itiusers2
 - `sudo useradd -m itiusers1`
 - `sudo useradd -m itiusers2`
 - `sudo passwd itiusers1`
 - `sudo passwd itiusers2`
2. create group called os_team
 - `sudo groupadd os_team`
3. create directory called os_team_workspace
 - `mkdir os_team_workspace`
4. assign os_team group to the directory os_team_workspace and change mode to setgid (hint use sudo)
 - `sudo chgrp os_team ~ /os_team_workspace`
 - `sudo chmod g+s os_team_workspace`
5. add users itiusers1 and itiusers2 to os_team group
 - `sudo usermod -a -G os_team itiusers1`
 - `sudo usermod -a -G os_team itiusers2`
6. create directory mydir1 using itiusers1 and mydir2 using itiusers2
 - user1:
 - `sudo login`
 - `mkdir mydir1`
 - `ls -l`
 - user2:
 - `sudo login`
 - `mkdir mydir2`
 - `ls -l`

7. send screenshot of all processes in tree mod

- pstree

```
omni@Linux: ~  
$ pstree  
systemd─┬─ModemManager─2*[{ModemManager}]  
        ┬─NetworkManager─2*[{NetworkManager}]  
        ┬─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  
        ┬─dbus-daemon  
        ┬─fwupd─4*[{fwupd}]  
        ┬─gdm3─┬─gdm-session-wor─┬─gdm-wayland-ses─┬─gnome-session-b─2*[{gnome-session-b}]  
              │                │                │    2*[{gdm-wayland-ses}]  
              │                └─2*[{gdm-session-wor}]  
              └─2*[{gdm3}]  
        ┬─gnome-keyring-d─3*[{gnome-keyring-d}]  
        ┬─irqbalance─{irqbalance}  
        ┬─2*[{kerneloops}]  
        ┬─networkd-dispat  
        ┬─packagekitd─2*[{packagekitd}]  
        ┬─polkitd─2*[{polkitd}]  
        ┬─power-profiles─2*[{power-profiles-}]  
        ┬─rsyslogd─3*[{rsyslogd}]  
        ┬─rtkit-daemon─2*[{rtkit-daemon}]  
        ┬─snapd─12*[{snapd}]  
        ┬─switcheroo-cont─2*[{switcheroo-cont}]  
        └─systemd─┬─(sd-pam)  
                  ┬─at-spi2-registr─2*[{at-spi2-registr}]  
                  ┬─dbus-daemon  
                  ┬─dconf-service─2*[{dconf-service}]  
                  ┬─evolution-adre─5*[{evolution-adre}]  
                  ┬─evolution-calen─8*[{evolution-calen}]  
                  ┬─evolution-sourc─3*[{evolution-sourc}]  
                  ┬─2*[{gjs}─4*[{gjs}]]  
                  └─gnome-session-b─┬─at-spi-bus-laun─┬─dbus-daemon  
                                     │                │    3*[{at-spi-bus-laun}]  
                                     │                ┬─evolution-alarm─5*[{evolution-alarm}]  
                                     │                ┬─gsd-disk-utilit─2*[{gsd-disk-utilit}]  
                                     │                ┬─update-notifier─3*[{update-notifier}]  
                                     └─3*[{gnome-session-b}]  
        gnome-session-c─{gnome-session-c}
```


- `ps -aux`
- `sudo kill -9 2095`