

1- Find out what do the following commands do in your Linux OS:

- cd,mkdir,cp,echo,exit,ls,man,rm,sudo,ifconfig,rename,kill,pkill
- uname,reboot,lshw,lscpu,dirname,grep,ping,pwd,cat,date

2- Create a new directory "I6" in your /home directory.

- Go into I6 directory and create two other directories "I6\_1" and "I6\_2".
- Go to "I6\_1" and run "nano I6\_1\_file.txt". What is "nano"? Write some text and save with "Ctrl+o" . Exit with "Ctrl+x".
- Go back to the I6 directory. What does "cd .." do?
- Delete the whole "I6\_1" directory including the file in it.

3- Check the IP and MAC address of your OS.

- Does your OS support IPv6? What is the difference between IPv4 and IPv6?

4- List the available hardware for your OS.

- Can you see the CPU and Memory information?