**LAB 01 – OS**

**Course: *OPERATING SYSTEM***

**Exercise 1:**

In the console or terminal window, type the following LINUX commands on the command line.

Note and write down the results

ls

pwd

ps

cd ..

pwd

cd /usr/local

ls

**Exercise 2:**

Execute the following command and explain the meaning of each of them.

• ifconfig

• route –n

• hostname

• fdisk –l

• cat /proc/cpuinfo

• free –m or top

• dpkg ‐l

• uname –r

**Exercise 3:**

In your home folder, create a folder tree as following. Note that, the rectangular describes a folder and the circle represent for a file. You can add any information into your created files.

Home folder

Semester1

CSD

Java

NWC

OSG

Semester2

* Create file Hello.java in folder Java and add whatever you want into that file.
* Copy file Hello.java to folder OSG and rename it to newHello.txt

**Exercise 4:**

* Create a file named user.txt. Then, you add n usernames (each in one line, n>=5).
* Display the content of file user.txt
* Display list of n sorted usernames in your file and store that sorted list into a new file named suser.txt
* Count the number of users in your file and display it.

**Submission:**

You should capture the result screen of each exercise and include in your completed file.

Create the directory with a name like **<class>-<name><roll number>-Lab-01,**

**e.g**. ***SE0412-QuangTV00456-Lab01***

Copy all your exercise files to that folder.

Compress the folder to .zip file (with the same name) and upload to CMS.