LAB 01 – Command line in Linux

Course: *OPERATING SYSTEM*

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Exercise 1:

1. Go to user directory with the command: **cd ~** . Make sure you are there (**pwd**).
2. Go to **Desktop** directory
3. Create a directory naming by your name, for example: **minhlong, kykhoi, …**
   Move to **"your name"** directory. Verify that you are there.
4. In your directory, create three subdirectories with the name: **RUN**, **SOURCE**, and **OLD**.
   Look at content of your directory. It should contain 3 above directories.
5. In **SOURCE** directory, you create the follows.
   a. An empty **none.java** file
   b. A file naming **demo.java** with the content as **"System.out.println("Hello");**"
   c. A subdirectory naming **Dist**
6. In **RUN** directory, you create the following directories and files:
   a. **private** directory
   b. An empty **none.class** file
7. Copy **demo.java** file to **OLD** directory with the name is **demo_old.java**
8. Copy **private** directory to **OLD** directory with the name is **private_deleted**
9. Move **none.class** file to **Dist** directory of **SOURCE.**
10. Add more content into **none.java** file
11. Delete **none.java** file
12. Delete **Dist** and **private** directories.
13. Back to root directory

Exercise 2: Using command-line to do the following tasks:

- Create the following empty files: test.c, test.cpp, test.java, demo.c, lab.cpp
- List all C files?
- List all C++ files?
- List all JAVA files?

- Show the kernel and determine the version of your Linux Operating system.
- Show date – time in Vietnamese and English.

Exercise 3:

Install Ubuntu OS into your computer. You could install dual OS or install in a virtual machine such as VMWare or Oracle VM VirtualBox.

Install Unikey to type Vietnamese (install by command-line)

Install GCC (GNU C Compiler) into your Ubuntu (install by command-line)

Submission:

You should capture the result screen of each exercise and include in your DOCX file, and upload to CMS. Your created file should be named like **<class>-<name><roll number>-Lab-01, e.g**. ***SE1620-QuangTV-HE150023-Lab01.DOCX***