Digital Electronics Project 2 – Linux Shell Command

Due: 23:59, Mar. 10, 2022

In this project, you are going to learn basic Linux shell commands and tools in your system built in Project01. These basic commands and tools are simply categorized in the following table. You might need to read some more online webpages for detailed illustrations.

Tools/commands	Category
pwd, ls, cd, cp, mv, rm	File management
cat, more, grep, diff, file, clear	File content processing
mkdir, rmdir	Directory management
gzip, tar	File archive and compressing
sudo, apt, ps, kill	System management
nano	Text editor
date, cal, bc	Gadget
man, whatis, apropos	Online manual
locate, whereis, find	File locator

Please submit your learning report according to the following rules:

1- The font size of your report is 12 in PDF format.
2- The filename is your student ID (e.g., B12345678.pdf).
3- 200 – 500 words to describe your Linux learning experience.
4- One screenshot which shows your username (i.e., login account).
5- More different screenshots of your system are encouraged.
6- A list of your reference is a must.

Reference:

[1] UNIX Tutorial for Beginners,
URL: http://www.ee.surrey.ac.uk/Teaching/Unix/

[2] The Linux Command Line for Beginners
URL: https://ubuntu.com/tutorials/command-line-for-beginners#1-overview

[3] Harvard CS50x Seminar: A Taste of Linux
URL: https://cs50.harvard.edu/x/2021/seminars/#a-taste-of-linux

[4] 鳥哥的 Linux 私房菜 (基礎學習篇)
URL: http://linux.vbird.org/linux_basic/