

# Digital Electronics Project 1 – Linux Installation

Due: 23:59, Mar. 3, 2022

Linux is one of the most popular open-source operating systems with many distributions, such as Arch Linux, CentOS, Debian, Fedora, Gentoo, Slackware, SUSE, Red Hat, Ubuntu, etc. Dozens of programming language toolchains are viable in Linux environment, which makes itself as one of the best platforms for software developments and computer engineering.

In this project, you are required to install a Linux system. We recommend **Ubuntu Linux** for a novice user. You may install either a stand-alone system or a virtual machine such as Microsoft Windows Subsystem for Linux (WSL, recommended), Oracle VM VirtualBox, and VMware Workstation Player. You might need to read some online webpages for basic understanding of Linux operation system. In your installed system, please set the username (i.e., login account) as your student ID (e.g., b12345678 – Currently, the WSL disallows uppercase English letters as the account name).

Please submit your installation 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 references is a must.

## Reference:

[1] Windows Subsystem for Linux Documentation

URL: <https://docs.microsoft.com/zh-tw/windows/wsl/>

[2] UNIX Tutorial for Beginners,

URL: <http://www.ee.surrey.ac.uk/Teaching/Unix/>

[3] 鳥哥的 Linux 私房菜 (基礎學習篇)

URL: [http://linux.vbird.org/linux\\_basic/](http://linux.vbird.org/linux_basic/)