

HOMEWORK 1

Welcome to your first homework, The following are the following are the **rules** of submitting homework. Read them carefully before doing your first homework:

You have to submit the code/report in pdf, compiled from markdown. Any report written in word document or so will be discarded and score 0.

You have to submit your homework via Email.

Your Email subject shall be *Course Z6110X0002 Linux Programming+Homework #+{Your Name}+{Your ID}*.

For example, if I submit a homework, my Email subject is Course Z6110X0002 Linux Programming Homework 1 ZichenXu 1234556678.

The deadline of your homework will be *Mar 25th, 11:59PM*.

Q1: If you are not using a Linux kernelled system, it is about time. This homework requires you to do things as follows:

1. Install a completely new command-line only Linux system, which shall be *no graphic mode* nor any graphic package.
 2. You can do so by completely wipe your current system (I strongly suggest), or install it in a virtual machine environment, or in a virtual container (if you know what a container is).
 3. The Linux distribution shall be your own freedom of choice. I suggest Fedora (for frequent users), CentOS (for juniors), Ubuntu (for beginners), or your choice.
 4. After you successfully installed a system, run some test program to show it works. The test programs are freedom of choices.
 5. After you test your programs, find a way to completely destroy your newly installed system. How to destroy your system is also the freedom of your choice.
 6. Last but not least, you are asked to rebuild your system **once more**, test it **one more time**, and destroy it **one more time** using **different methods**.
 7. After all, what you need to do is writing **a report** on your experience with Linux, including but not limited to, all problems you faced when you tried to install a completely cmd-based system, how you solve it, and how you destroy them, with screenshot proofs of every step you did.
 8. Please, please, please write me a decent report.
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