CENG 2034 Operating Systems

lab 1

https://github.com/caesarsalad/ceng2034_os_labs

Assignment 0 - import os

- Go to home directory and create a folder name "os_lab_0".
- Change working directory to new created folder.
- Create new 2 .txt file and 1 .py file in the folder. (!must be empty files)
- Print all files last modified date in the folder.
- Find only txt files in the folder.

  !Be sure your code does not require sudo privilege on any unix-like os.

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Container

Operating-system-level virtualization

- Linux namespaces (kernel v. > 2.6.24)
- chroot

LXC ([LinuX Containers](#)) It was implemented in 2008 using cgroups and Linux namespaces, and it works on a single Linux kernel without requiring any patches.

chroot

➜ A chroot is an operation that changes the apparent root directory for the current running process and their children.
➜ A program that is run in such a modified environment cannot access files and commands outside that environmental directory tree.
➜ This modified environment is called a **chroot jail.**