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Advanced Operating Systems
Assignment 1
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Assignment 1 Report

Install CentOS

Per Piazza, I opted to stay with the Ubuntu distribution I have already, instead of doing a fresh install of CentOS. With this, I was able to quickly proceed to Step 2 of the project, having done all the setup needed. Confirmation of the installations of the required packages was recorded in the script titled 'installation.script.'

Get to Know Your OS

Here I also recorded my actions via a script called 'hardware.script.' Because I needed to come back to the 'ifconfig' command, I recorded a separate script for that, titled 'eth0.script.' The results of the commands should be accessible through the script files, but, if those fail, the outputs of the commands were also recorded, being piped into text files with the names of each file corresponding to the command used to produce it.

Lastly, since I have taken Introduction to Operating Systems here at Auburn in undergrad, I attached the specifications I had taken from that first project (which is nearly identical to this one) in a folder called 'oldAsgn1.'

Use Utility Programs

Due to the same requirements of the Intro OS project, code was recycled from that project as well. 'Simple.c' was designed according to the specifications laid out in the Project 1 guidelines and was debugged with GCC. Actions taken here were recorded in a script called 'programming.script.'

Conclusions

Due to my familiarity with both Linux and with the project (based on my experience in Intro to OS), I was able to complete the project without significant problems and look forward to the challenges yet to come in this class.