CS240 - Operating Systems
Assignment #0
Spring 2024

The purpose of this assignment is to introduce you to the Computer Science Department Linux servers, and to have you go through the steps necessary to access the UI Virtual Private Network (VPN) and login to the class servers. *This assignment does not need to be turned in.*

The UI servers are protected from unauthorized access via a firewall, so general public access from outside the main UI network is blocked. However, access can be obtained via a VPN. A VPN consists of a client program that runs on your local machine, and a VPN application on the server machine. The VPN creates an encrypted connection between your computer and the UI internal network - Once the VPN is established, access acts just like normal.

A VPN client is available for Windows, MacOS and Linux, and is downloadable from the UI OIT website (Go to `uidaho.edu`, type `vpn` in the search box, then choose the correct setup instructions for your system).

The class has two Linux servers - `cs-240a.cs.uidaho.edu` and `cs-240b.cs.uidaho.edu` . These two are identical, so you can log into either one. The CS Department servers are separate from the main campus ones, but user authentication for the CS servers is done using the main campus database. This means that your usual UI login and password will work for the CS servers.

For Assignment 0, download and install the VPN client, login into one of the class servers, and (re)familiarize yourself with how to compile and execute C/C++ Programs.