Notes for Lab 1

I started by logging into the Linux server with the appropriate I.P. address. From there, I made a directory named Lab1. I then accessed the directory using the cd command. I added -std=c++11 to the makefile so I could make a copy of the Prog9-2.cpp and rename it Pointers.cpp. Once I got all that working I was introduced to the vi command so I could go insid the .cpp file and make the required lab program. After the appropriate code was copied, I ran it and Linux outputted the hex and dec address of the letter, “x.” I then copied the Pointers.cpp file and made a Pointer2.cpp file. I created a character variable called, “My\_Name.” I used my name for the variable. I edited the program to cout the size of the pointer, “My\_Name,” and the length of it too. I wasn’t familiar with the strlen operator and had to research it in p. 558 of the C++ book. Tried to get it to compile a few times and it wouldn’t work. Figured out that I had to include the cstring directory in the code. I then made a for loop to display the index, character, address and decimal value of my name using array notation. After I got everything working, I had to do the same thing but instead of using array notation, I had to use pointer notation.

After learning that My\_Name[i] is the same as \*(My\_Name + i) I just replaced all of the My\_Name[i] array notations. I’m not sure if that’s what the project is asking for so I’m going to wait until Thursday to get a definitive answer.