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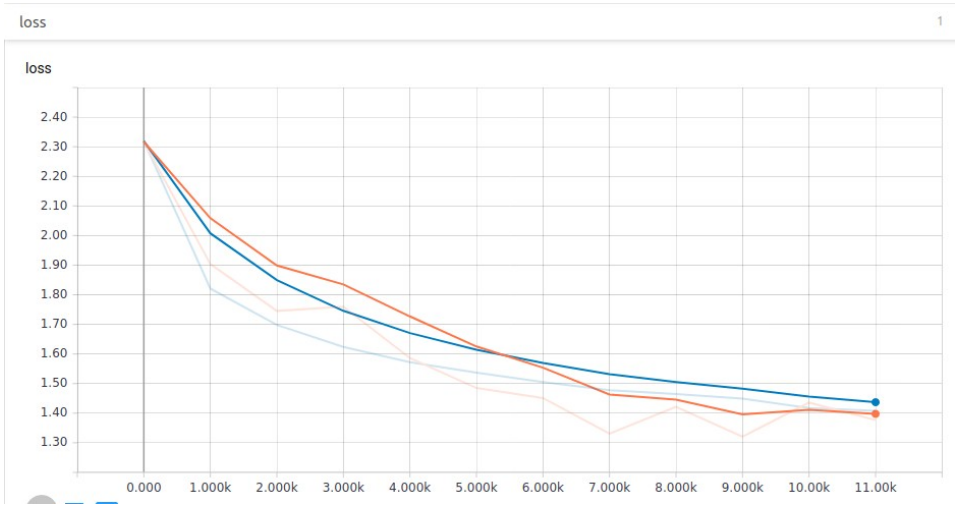
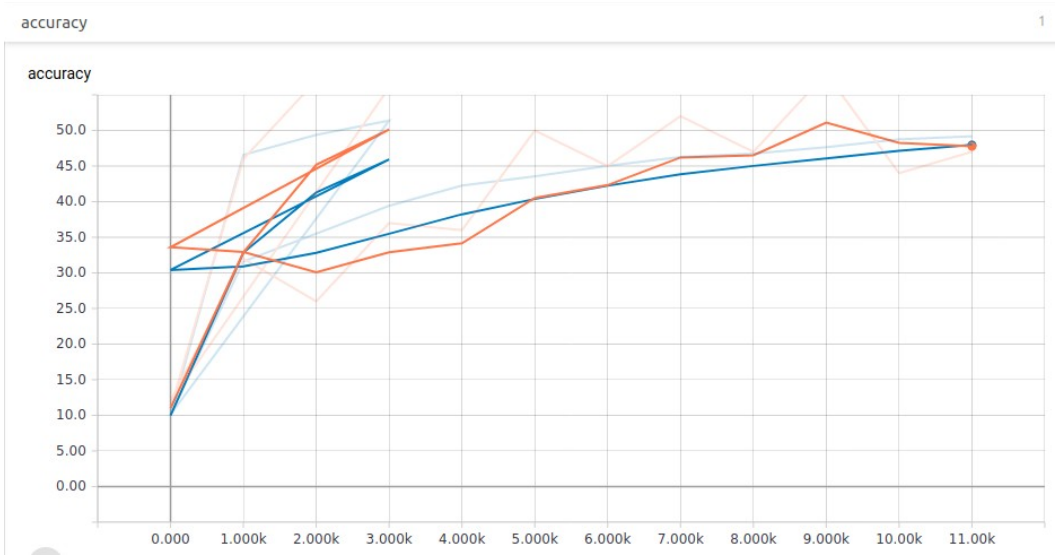
CSC 486b

Updated* Assignment 5 Report

NOTE: I will continue to work on the assignment accepting the -20% grade per day. I will be turning something in today if I do not get further.

After some struggling over understanding the assignment I was able to implement the majority of part 2. The only spot I was having trouble with was where I was setting the indim as I was getting 12800 instead of 128. In order to get it to run I forcefully divided this by 100 and set it to an int. From this I was able to get it to work and actually print out some good info as I now have these picture to show:





After getting this far I was able to see the fruit of my labor and some well appreciated assistance from the professor. My loss and accuracy look quite well since as I continued to train the accuracy went up as the loss went down proving that what I coded was along the lines of being correct.

Part 3 seemed to be unapproachable. I spent the majority of my time trying to think of how to even start this part but was unable to come up with anything and because of the grading scheme I decided to put more of my towards the 25% of the mark. From what I understand we need to code exactly what the torch.nn.Condv2d does with the information given. In order to do that we will need to use torch methods and find out what equations are specifically needed in order to get what Condv2d would give us.

From what I gather, I need to spend more time understanding the assignment before starting to code anything in order to stop myself from making obvious mistakes or unneeded problems.