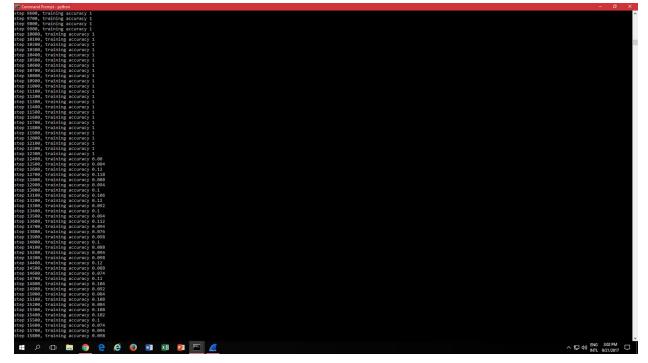
Matthew Oakley CMPT 469 Lab 1 September 25, 2017

Table 1: Convolutional Neural Network Tests

			Time
CNN Testing	Epoch	Batch	(Estimate)
Test 1	1,100	50	1 min
Test 2	20,000	50	4 mins 30s
Test 3	20,000	500	29 mins 30s

Picture 1: Showing the odd results around step 12400



All of these tests were conducted on the same lab computer so the results could vary as little as possible from equipment. In the original test the epoch amount was 1,100 and batch of 50. The estimated time was around 1 minute and the accuracy was about .96. In the second test the amount of Epochs was drastically increased and the batch remained the same. This had an increase on the amount of time but it was not a massive increase for the amount of epochs added. In the last test the batch size was increased to see how it would impact accuracy and time. The accuracy was improved and successes rate of 1 was reached multiple times. This increased successes rate also saw an odd dip in accuracy which can be seen in the first picture. The time it took for the code to run was drastically increased when more batches were added which was expected.