**Documentation**

Convolution Neural Network using Tensor Flow consist of different layers.

So, in this project, I have made two layers namely cnn0 and cnn2, also applied maxpool of window size 1x1 after each cnn layer, and then finally added fully connected layers.

The accuracy was varying everytime I run the project.

The last time when I run the project, I got the following result:

batch 0, batch accuracy 0.300 validation accuracy 0.143

batch 100, batch accuracy 0.860 validation accuracy 0.858

batch 200, batch accuracy 0.880 validation accuracy 0.870

batch 300, batch accuracy 0.880 validation accuracy 0.887

batch 400, batch accuracy 0.900 validation accuracy 0.894

batch 500, batch accuracy 0.940 validation accuracy 0.898

batch 600, batch accuracy 0.920 validation accuracy 0.903

batch 700, batch accuracy 0.860 validation accuracy 0.902

batch 800, batch accuracy 0.880 validation accuracy 0.911

batch 900, batch accuracy 0.960 validation accuracy 0.900

**test accuracy 0.9026**