**CS5542 Big Data Apps and Analytics**

**In-class Exercise #5A**

**TensorFlow Programming:**

Write a Tensor Flow program for the following Task.

Implement CNN model for the given MNIST data.

1.Train CNN model using different optimizers and compare their results.

2.Change the configuration of the CNN model. Use filter size 16,36 and

128 . Report the results.

3.Show the tensor board of the tasks.