**CS5542 Big Data Apps and Analytics**

**In-class Exercise #4A**

**TensorFlow Programming:**

Write a Tensor Flow program for the following Task.

Implement Linear Regression for the given data

trX=np.linespace(0,10,100)

trY=4\*trX+6

and report its

* 1. Training cost
  2. Testing cost
  3. Absolute Mean Square Loss Difference.