Results

Alexnet

Added an extra inner product layer at the end of the network and using the mean image file of our data

1. When No change in previous model-

Loss became negative after 60 iterations

1. Changed the learning rate of 5 convolutional layers:

Conv1-conv4 = 0  
conv5 = 0.1 & 0.2

Loss became zero after 20 iterations

Modify the last inner product layer and did not add any extra layer.

1. Changed learning rate of 5 convolutional layers

Loss becomes negative after 20 iterations

Changed the various parameters in solver.prototxt. Increased the learning rate from 0.001 to 0.1.