Question 1

Question 1 (c)

Best NN Test accuracy: 84.9350%

Question 1 (d)

Best NN Test accuracy: 85.0600%

Question 1 (e)

Best NN Test accuracy: 85.0700%

Question 1(l)

Area under the curve: 0.938423745393

Question 3

Question 3 (a)

The difference between outputs: 0.0

Question 3 (b)

Final Test Accuracy : 0.84915

Learning Rate: 1

Question 3(c):

Final Test Accuracy : 0.84975

Learning Rate: 0.1