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