Log File of experiments and analysis

Experiment Number	Parameters Chosen	Results
1	Hidden Layer Neuron Size: 90 Sequence input length: 40 Learning rate: 1	Reduced Cross Entropy Loss – 110.446
2	Hidden Layer Neuron Size: 80 Sequence input length: 30 Learning rate: 0.1	Reduced Cross Entropy Loss – 43.009
3	Hidden Layer Neuron Size: 100 Sequence input length: 50 Learning rate: 0.1	Reduced Cross Entropy Loss – 73.554
4	Hidden Layer Neuron Size: 80 Sequence input length: 100 Learning rate: 0.7	Reduced Cross Entropy Loss – 286.365
5	Hidden Layer Neuron Size: 100 Sequence input length: 25 Learning rate: 0.5	Reduced Cross Entropy Loss – 59.115