**Log File of experiments and analysis**

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| 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 |