HW 5 - LSTM and GRU

For the below results, we trained the models for 5 epochs and used the negative log-likelihood loss.

The test set is obtained after a 0.8 train-test split of the dataset.

Task1

	Test Set Accuracy for batch_size=1
LSTM, hidden_size=100, layer=1	0.7212
LSTM, hidden_size=200, layer=1	0.7307
LSTM, hidden_size=100, layer=2	0.7558
LSTM, hidden_size=200, layer=2	0.6658
GRU, hidden_size=100, layer=1	0.7237
GRU, hidden_size=200, layer=1	0.7026

Task2



