

Deep Learning

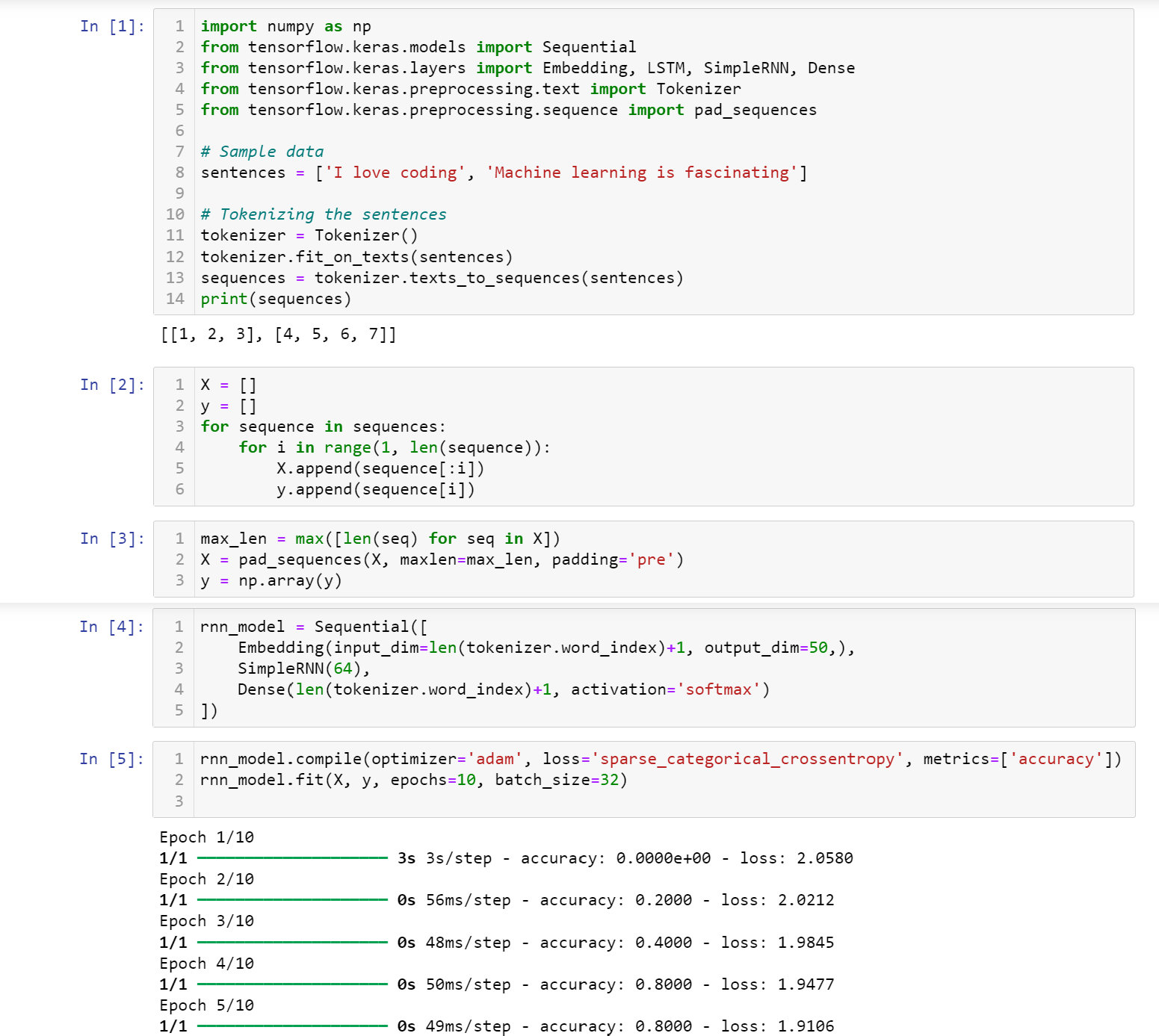
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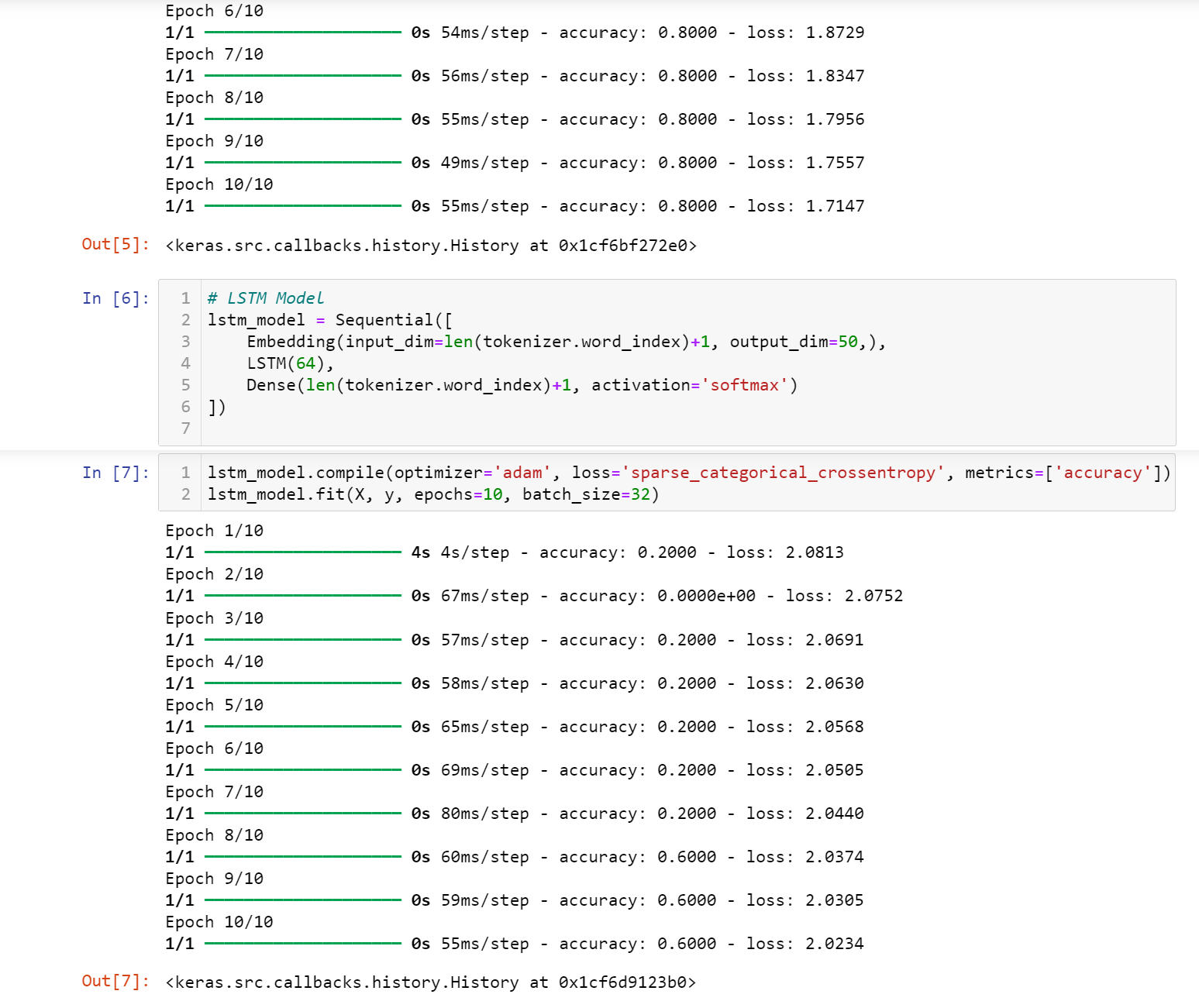
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**Section/Group:22MAM-1\_B Semester:4th Experiment No. 9**

**1.) Take NLP set from Kaggle, preprocess data set (cleanse, tokenize, create vocabulary, convert to sequence, pad to fixed length) and Build RNN and LSTM models to demonstrate prediction with keras.**

**Implementation :-**





**Learning outcomes (What I have learnt):**

1. Learned how to import Keras and LSTM.
2. Learned how to Tokenize the sentence.
3. Learned how to build RNN and LSTM models.
4. Understood the concept of sparse\_categorical\_crossentropy.
5. Understood working of LSTM and RNN.