Deep Learning for Perceptron
Lab # 6
Recurrent Neural Network
2 weightage

1. Go through the notebook for basic understanding of RNN/LSTM.

   https://www.kaggle.com/code/kcsener/8-recurrent-neural-network-rnn-tutorial

2. Use RNN or LSTM to attempt this challenge: Natural Language Processing with Disaster
   Tweets. Submit your leaderboard screenshot and your code.
   https://www.kaggle.com/competitions/nlp-getting-started/overview

3. Develop a bidirectional LSTM or bidirectional RNN model for NER (Named Entity
   Recognition) problem.
   Dataset & code :
   https://github.com/Tekraj15/Named-Entity-Recognition-Using-LSTM-Keras/tree/master

4. Video Classification with a CNN-RNN Architecture
   https://colab.research.google.com/github/keras-team/keras-io/blob/master/examples/vision/ipynb/video_classification.ipynb

   https://keras.io/examples/vision/video_classification/