- 1. Adapt the RNN-based language modelling codes at
 - https://github.com/pytorch/examples/tree/master/word_language_model for Singlish SMS messages at

https://github.com/jasonyip184/SGTextGenerationLSTM/blob/master/smsCorpus_en_2015. 03.09 all.json as follows:

- a. Collect SMS messages from the JSON file
- b. Tokenize the messages using NLTK tokenizer (https://www.nltk.org/api/nltk.tokenize.html)
- c. Randomly split them into train (80%), validation (10%) and test (10%) subsets
- d. Train a language model with the messages
- e. Generate samples from the trained language model
- f. Try with different model type (e.g. GRU) and epochs and observe the generated texts
- 2. Revise Question 1 codes to use only training dataset for building vocabulary as follows:
 - a. Collect vocabulary from training dataset
 - b. Select a 'known' subset of training dataset vocabulary, whose tokens are most frequent and cover 99% of the train data
 - c. Change unknown words in the three datasets to the special token '<unk>'