# Lab Exercise : Advanced Text Preprocessing

Part A

1. Given a text file, text.txt, perform pre-processing by removing stopwords, normalizing to lowercase.
2. Perform stemming
3. Create list of unique words.
4. Count the frequency of each word in the text.

Part B

1. Read the file
2. Apply POS Tagging
3. Count number of Nouns, Verbs in the text
4. Pick 20 random words lemmatize and find the synset from WordNet.

Part C

1. Test NER on any three sentences of your choice.