19CSE453 Natural Language Processing   Assignment 1   7/11/23

1. Write a paragraph about any chatbot and save as chatbot .text file.

2. Read and display this file with a Python program.

3. Extract sentences and words from this file.

4. Count the number of stop words and nonstop-words.

5. If there are any stopwords, remove them.

6. Identify the stems and lemma for these words.

7. Find the frequency of words and plot the frequency distribution.

8. Check for any words that are not lemmatised

9. If there are any spelling mistakes, correct the identified ones.

10. Translate any ten of these words into your native language.