(AM604PC) NATURAL LANGUAGE PROCESSING LAB

List of Experiments

1. Write a Python Program to perform Tokenization tasks on text.

2. Write a Python Program to perform Stop word Removal tasks on text.

3. Write Python Program for Word Analysis

4. Write Python Program for Word Generation

5. Create a Sample list for at least 5 words with ambiguous sense and Write a Python program to implement WSD

6. Install NLTK tool kit and perform stemming

7. Create Sample list of at least 10 words POS tagging and find the POS for any given word

8. Write a Python program to

   a)Perform Morphological Analysis using NLTK library

   b)   Generate n-grams using NLTK N-Grams library

   c)   Implement N-Grams Smoothing

9. Write a Python program to implement Porter stemmer algorithm for stemming

10. Using NLTK package to convert audio file to text and text file to audio files.