1. **Write a NLTK program to omit some given stop words from the stopwords list.**

Stopwords to omit : 'again', 'once', 'from'

2. **Build a Named Entity Recognition (NER) model that identifies entities (people, locations, organizations) in text using advanced models like LSTM-CRF or BERT. Compare the performance of these models.**

   Note : Use the ‘conll2003’ dataset from dataset library for this problem

3. **Create a text summarization model using BART to generate summaries from news articles.**

   Note : Use cnn_dailymail dataset

4. **Implement basic text preprocessing steps on a dataset, including tokenization, lowercasing, removing stopwords, punctuation, and special characters.**

   text = "Hello! This is a sample text. Let's tokenize it, remove stopwords and punctuations. Hope you all are doing well!"

5. **Perform basic sentiment analysis on text using a Bag-of-Words model. Build a classifier to predict whether a review is positive or negative.**

   Dataset : books.csv