**Assignment. Due on May 19th, 2023**

1. Tokenize and tag the following sentence: They wind back the clock, while we chase after the wind. What different pronunciations and parts of-speech are involved?

2. Write code to search the Brown Corpus

(https://www.kaggle.com/datasets/nltkdata/brown-corpus) for particular words and phrases according to tags, to answer the following questions: a. Produce an alphabetically sorted list of the distinct words tagged as MD.

b. Identify words that can be plural nouns or third person singular verbs (e.g., deals, flies).

c. Identify three-word prepositional phrases of the form IN + DET + NN (e.g., in the lab).

d. What is the ratio of masculine to feminine pronouns?