Do by: 21.9.2022

Objectives: POS tags, constituent structure for English

Readings: NLTK book Chapters 5, 8

Description:

1. Manually assign all possible POS tags for each of the words in the following sentence:

    They wind back the clock, while we chase after the wind.

    Use the NLTK Ch5 POS tagset for this exercise.

2. Create a dictionary e, to represent a single lexical entry for *put*. Define keys like *headword, part-of-speech, arguments, sense,* and *example*, then assign them suitable values.

3. Using the categories defined in NLTK Ch8 in Tables 3.1, 5.1, and 5.2, write a CFG fragment that deals properly with the following:

    (a) *Joe put on the log.
    (b) *Joe put the fish on log.
    (c) Joe really put the fish on the log.
    (d) Joe never puts fish on logs.