## Homework 2

1. In Python, create a method for scoring the vocabulary size of a text, and normalize the score from 0 to 1. It does not matter what method you use for normalization as long as you explain it in a short paragraph. (Various methods will be discussed in the live session.)
2. After consulting section 3.2 in chapter 1 of Bird-Klein, create a method for scoring the long-word vocabulary size of a text, and likewise normalize (and explain) the scoring as in step 1 above.
3. Now create a “text difficulty score” by combining the lexical diversity score from homework 1, and your normalized score of vocabulary size and long-word vocabulary size, in equal weighting. Explain what you see when this score is applied to same graded texts you used in homework 1.