

Programming Assignment 2

Thoughts:

Translating from pseudo code to a functional program, especially for the LZW algorithm, proved to be slightly harder than what I had initially expected. Most notably, dealing with the conditions in which $s + w$ were, or were not, in the dictionary, and working with the outcome, accordingly.

Sample Output:

Input: ABABBABCABABBA

Output: 4, 4, 5, 2, 3, 6, 2, 5

Dictionary: A, B, C, AB, BA, ABA, ABB, BAB, BC, CA, ABAB, BB