

Weekly Reports

Week 4/18 - 4/25

Dr Jeon and I met on 4/18 to discuss what kind of program she would like. She asked to find the frequency of verb codes (reference tag set document) in a text file. I created a new text file called `testVerbs.txt` to store the codes. A for loop was written to scan in all the individual codes into an array. A for loop was written to cut the codes in the array down to the position entered from the user. Wrote code to prompt the user for “what part of speech they would like” (stored in: `speech`), “what code do you want to search for” (stored in: `code`) and “what position”(stored in: `position`). These variables will be used to search for the code entered by the user in the array. Started to write a for loop to search through the array using the inputs from the user.

Week 4/26 - 5/2

Redesigned my search algorithm to include methods. Assigned each value of the tag document as an integer in Eclipse. Added code to count the amount of times the code entered by the user matches a code in the array. A while loop was added to allow the user to get multiple counts until they hit 'Q' or 'q' to quit the program.

Week 5/3 -5/9

Created a method called (`.scanFile`) to scan in the text file with the codes. Another method (`.cutCode`) was created to manipulate the codes in the array to the position entered by the user. Tested methods to make sure all variables were being passed and returned properly. Tested the program to make sure all cases were covered. Wrote a method called (`wordForm`) to print the attribute and the values of the code the user input ex.(VMIP2S0 = Category : Verb Type: Main Mood: Indicative Tense: Present 2nd Person Singular 0).