

ASSIGNMENT 0: C TOKENIZER

- The program successfully takes in a string argument and breaks it up into separate tokens before printing it.
 - It is able to handle all the necessary token type requirements for this project which includes:
 - Word integers
 - Decimal integers
 - Octal integers
 - Hexadecimal integers
 - Floating integers
 - C operators (all explicitly noted on the C reference sheet provided)
- The program is easy to read especially through the implementation of the token structure, which gives the ability to reference the start and end of each token, as well as important characteristics such as the token type.
 - This also makes pointers throughout the project easier to handle and comprehend.
- The use of methods in the program are also make for easy understanding, as once the program is able to make the inference, it branches off the main function into its own method based on token type.
- When compiling, there are no warnings or error messages about the code.
 - A variety of test cases have been tested, some of which can be seen in the provided testcases.txt file.