Lexical Analyzer Documentation

Compiling

To compile please run gcc main.c.

Usage

To run the program on linux pass the file name into the program.

Example: ./a.out filename.txt

Output

The code given in the argument text file will be printed on the screen under the header “Source Program:”. Following that, the lexeme and its token type will be printed for each valid lexeme under the header “Lexeme Table:”. Then a list of the token representations will be displayed under the header “Lexeme List:” Input constraints outlined in the assignment document have been implemented.

“Test1.txt” and “Test2.txt” are provided as samples to test the program with. These files, along with their respective output, are included in the documents “Test1-input-output” and “Test2-input-output” respectively.

Authors

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