**CPSC 323 Documentation**

**Assignment 2: Lexical Analyzer**

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# Problem Statement

The second assignment is to write a syntax analyzer. You may use any top-down parser such as a RDP, a predictive recursive descent parser or a table driven predictive parser.

# How to use your program

# *This program is programmed on VisualStudio 2017. When running the program, it will ask for an text file. So far “test1.txt” is only test with the value “b+c+d”*

# Design of your program

The design of our program uses our lexical analyzer program to parse the source file into tokens and lexemes. The lexemes are then runned into the syntax analyzer to check if the format is correct.

# Any Limitation

*So far the program can only handle a correct syntax with limited characters. There is no handling for errors yet.*

# Any shortcomings

*So far this is a first iteration, will update when final iteration come.*