CSE341 HW2 REPORT

Part 1:

A flex program with appropriate regexes was prepared for this homework, it being a flex program, has limited capabilities

Part 2:

Program has a main gpplexer function in package gpp-lexer, if given a file as parameter function does lexing on that file else it will launch gpp interpreter mode.

Program tokenizes input, categorizes tokens, converts tokens to their appropriate value and repeats for all lines

Tokenization is the important part; it works according to the state machine: