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 1                          Assignment 2-Lexical Analyser
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 3     Write a lexical Analyzer in C language which only performs lexical analysis of a    ↵
       subset of C language.
 4     The subset of C language uses the following keywords,identifiers,colon,puctuation
 5
 6     1.Keyword: if,else,switch,case,goto,while,continue,do,for,break
 7     2.Identifiers: letter(letter/digit)*delimiter
 8     3.Arithmetic Operator: +,-,*,/,%
 9     4.Relational Operator: <,>,<=,>=,==,!=
10     5.Conditional operator: &&,||,!
11     6.Assignment Operator: =
12     7.Increment-Decrement Operator: ++,--
13     8.Punctuation Symbols:'{','}',',',';'
14
15     The Input to the lecxical Analyzer would be a subset of C and
16     the output would be a string of tokens with their types mentioned.
17     Recognizible tokens would be identified with its position and error
18     should be reported.Also construct symbol table and display it
19
20
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