

Assignment 3-Lexical Analyser and Symbol Table

Design a Lexical Analyzer which would be able to recognise following tokens and would return the token code and pointer value after installation of token in Symbol Table. It should also include:

1.Keyword: if,else,switch,case,goto,while,continue,do,for,break

2.Identifiers: letter(letter/digit)*delimiter

3.Arithmetic Operator: +,-,*,/,%

4.Relational Operator: <,>,<=,>==,!=

5.Conditional operator: &&,||,!

6.Assignment Operator: =

7.Increment-Decrement Operator: ++,--

8.Punctuation Symbols: '{','}','(',')',';','