

Problem Statement (OBJECTIVE):

Design a lexical analyzer for given language and the lexical analyzer should ignore redundant spaces, tabs and new lines. It should also ignore comments. Although the syntax specification states that identifiers can be arbitrarily long, you may restrict the length to some reasonable value. Simulate the same in C language.

RESOURCE:

Turbo C ++

PROGRAM LOGIC:

1. Read the input Expression.
2. Check whether input is alphabet or digits then store it as identifier.
3. If the input is operator store it as symbol.
4. Check the input for keywords