

# 1 Symbol Table

The symbol table was introduced in the lexical analyzer to store identifiers and constants. It is also used to differentiate reserved words and symbols from identifiers. In the syntax analyzer (parser), the token type is used to ascertain proper symbols where they should be in the productions. Now in the intermediate code generation, the majority of properties in the symbol table come to bear on the issue of translating a given grammar into a simple set of regular expressions.