

Compiler Construction

BPDC

(Lab - 07)

1 C Mini-compiler

1. In this experiment, you are supposed to extend your compiler implementation so as to deal with block structured programs, where every block (sequence of statements enclosed in { and }) defines a new range of scope for variables. You may refer the slide *SymbolTables.pdf* and the book.

A much convenient way would be to implement the *stack* of symbol table nodes as a doubly linked list so that you could move back and forth over the same.