

Compiler Construction

BPDC

(Lab - 04)

1 C Mini-compiler

1. In this, you are supposed to begin with your solution for the problem in Lab-04 (your modified *project.y* and *project.l* files).
2. Incorporate conditional operator (*LOGICAL_EXPRESSION*)?*{BODY}* : *{BODY}* in your mini-compiler.
3. Incorporate the following loop constructs too.
 - (a) *while*(*LOGICAL_EXPRESSION*){*BODY*}
 - (b) *do*{*BODY*}*while*(*LOGICAL_EXPRESSION*);
 - (c) *for*(*A_EXP_N*; *LOGICAL_EXPRESSION*; *A_EXP_N*)
 {BODY} (*A_EXP_N* stands for arithmetic expression)