Lab Assignment 10

3-address code

Intermediate representation(s)/ generating Intermediate representation(s)

Consider the context-free-grammar of **assignment 7**. Write semantic actions (SDD/SDT) to generate *3-address code* for a fragment of the language within **global** without any function.

You may consider only the following constructs: **read**, **print**, **assignment**, **if** and **while** statements, expressions with integers and its operations; relational and Boolean operators.

Implement your solution.

The output should be *3-address code* of the input program in a readable form.