**Forma EBNF de la GLC del lenguaje de programación C-**

1. program -> declaration {declaration}
2. declaration -> var-decalaration | fun-decalaration
3. var-declaration -> type-specifier ID [“[“NUM “]”]";"
4. type-specifier -> int | void
5. fun-decalaration -> type-specifier ID "("params")" compound-stmt
6. params -> param {"," param}
7. param -> type-specifier ID [“[“NUM “]”]
8. compound-stmt -> "{" local-declarations {statement}"}"
9. local-declarations -> {var-decalaration}
10. statement -> expression-stmt | compound-stmt | selection-stmt | iteration-stmt | return-stmt
11. expression-stmt -> [expression] ";"
12. selection-stmt -> if "("expression")"statement [else statement]
13. iteration-stmt -> while "("expression")" statement
14. return-stmt -> return [expression]";"
15. expression -> var "=" expression | simple-expression
16. var -> ID ["["expression"]"]
17. simple-expression -> additive-expression [relop additive-expression]
18. relop -> <= | < | > | >= | == |!=
19. additive-expression -> term {addop term}
20. addop -> +|-
21. term -> factor {mulop factor}
22. mulop -> \*|/
23. factor -> "("expression")" | var | call | NUM
24. call -> ID "("args")"
25. args - [expression {"," expression}]