1. Program Function\_Statement Program | Main\_Function
2. Main\_Function Datatype main () Function\_Body
3. Function \_Statement Function\_Declaration Function\_Body
4. Function\_Body {set\_of\_Statements Return\_Statement}
5. set\_of\_Statements SetStat Set\_of\_Statements | ε
6. SetStat Assignment | Declaration\_Statement | Write\_Statement | Read\_Statement | If\_Statement | Repeat\_Statement
7. Return\_Statement return Expression ;
8. Function\_Declaration Datatype FunctionName (Function\_Parameters)
9. Function\_Parameters  Parameter , Function\_Parameters | Parameter | ε
10. Parameter Datatype identifier
11. Function\_Call identifier (Arguments)
12. Arguments  Expression **,** Arguments | Expression | ε
13. FunctionName identifier
14. Repeat\_Statement repeat set\_of\_Statements until Condition\_Statement
15. If\_Statement if Con\_Statement Options end
16. Con\_Statement Condition\_Statement then set\_of\_Statements
17. Options Else\_If\_Statement Options | Else\_Statement
18. Else\_Statement else set\_of\_Statements end
19. Else\_If\_Statement elseif Con\_Statement
20. Condition\_Statement Condition Boolean\_Operator
21. Boolean\_Operator && Condition\_Statement | || Condition\_Statement | ε
22. Condition identifier Condition\_Operator Term
23. Condition\_Operator  < | > | = | <>
24. Read\_Statement read identifier ;
25. Write\_Statement write Write\_stat ;
    * 1. Write\_stat Expression | endl
26. Declaration\_Statement Datatype Declaration\_stat ;
27. Declaration\_stat identifiers , Declaration\_stat | Assignment, Declaration\_stat | identifiers | Assignment
28. Datatype int | float | string
29. Assignment\_Statement  Assignment ;
30. Assignment identifier **:=** Expression
31. Expression string | Term | Equation
32. Equation Term Operations | (Term Operations) Operations
33. Operations Arithmatic\_Operator Equation | ε
34. Arithmatic\_Operator  + | - | \* | /
35. Term number | identifier | Function\_Call