01. <prog> -> global fID : function ( <params> ) : <param\_r> <prog>

02. <prog> -> function fID ( <params> ) <param\_r> <st-list> END <prog>

03. <prog> -> fID ( ) <prog>

04. <params> -> ID : <type> <second\_param>

05. <params> -> Eps

06. <params\_r> -> Eps

07. <params\_r> -> : <type> <secon\_param\_r>

08. <second\_param> -> , ID : <type> <second\_param>

09. <second\_param> -> Eps

10. <second\_param\_r> -> Eps

11. <second\_param\_r> -> , <type> <secon\_param\_r>

12. <type> -> Integer

13. <type> -> Number

14. <type> -> String

15. <st-list> -> <statement> end

16. <statement> -> Eps

17. <statement> -> Local ID : <type> <expr\_afterloc> <statement>

18. <statement> -> ID <s\_var> = <expr> <s\_expr> <statement>

19. <statement> -> while <expr> <s\_oper\_expr> do <st-list> END <statement>

20. <statement> -> if <expr> <s\_oper\_expr> Then <st-list> <else> END <statement>

21. <statement> -> Return <expr>

22. <else> -> ELSE <st-list>

23. <else> -> Eps

24. <s\_oper\_expr> -> S\_oper <expr>

25. <s\_oper\_expr> -> Eps

26. <expr\_afterloc> -> Eps

27. <expr\_afterloc> -> = <expr>

28. <expr> -> fId ( <sent\_par> )

29. <expr> -> ( <expr> ) <expr\_c>

30. <expr> -> <operand> <expr\_c>

31. <expr\_c> -> Eps

32. <expr\_c> -> <operator> <expr\_e>

33. <expr\_e> -> <operand> <expr\_c>

34. <expr\_e> -> ( <expr> ) <expr\_c>

35. <sent\_par> -> <expr> <s\_par>

36. <s\_par> -> , <expr> <s\_par>

37. <sent\_par> -> Eps

38. <s\_par> -> Eps

39. <s\_expr> -> , <expr> <s\_expr>

40. <s\_expr> -> Eps

41. <s\_var> -> Eps

42. <s\_var> -> , ID

43. <operand> -> ID

44. <operand> -> Const

45. <operand> -> # <operandws>

46. <operand> -> - <operandws>

47. <operandws> -> ID

48.<operandws> -> Const

49. <prog> -> EOF

//TODO musis pushnut na zaciatku funkcie write,readaleboco <- to je poznamka pre mna, to sem nepatri