1. s -> **DT MAIN OB CB BEGIN** stmt **END**
2. stmt -> decl stmt
3. stmt -> loop stmt
4. stmt -> expr **SC** stmt
5. stmt -> ?

6. decl -> **DT** vars **SC**
7. vars -> **ID** vars'
8. vars -> **CM** vars
9. vars -> ?
10. vars' -> vars
11. vars' -> **ASSI** simpleExp vars

12. loop -> **FOR OB** init **SC** comp **SC** expr **CB BEGIN** stmt **END**
13. init -> **ID ASSI** simpleExp
14. comp -> term relop term
15. relop -> **LT**
16. relop -> **GT**
17. relop -> **GE**
18. relop -> **LE**
19. relop -> **EQ**
20. relop -> **NE**

21. expr -> **ID** expr'
22. expr -> unop **ID**

23. expr' -> **ASSI** simpleExp
24. expr' -> unop

25. simpleExp -> term simpleExp'
26. simpleEmp' -> arithop term simpleExp'
27. simpleEmp' -> ?

28. arithop -> **PLUS**
29. arithop -> **MINUS**
30. arithop -> **DIV**
31. arithop -> **PROD**
32. arithop -> **MOD**
33. unop -> **INCR**
34. unop -> **DECR**
35. term -> **ID**
36. term -> **NUM**

DT (int | float)
MAIN (main)
OB (( )
CB ( ))
BEGIN (begin)
END (end)
SC (;)
CM (,)
ID ([a-zA-Z][a-zA-Z0-9_]*)
ASSI (=)
FOR (for)
NUM ([0-9]+)
RELOP (< | > | <= | >= | != | ==)
INCR (++)
DECR (--)