1. S’ → CODE
2. CODE → VDECL CODE
3. CODE → FDECL CODE
4. CODE → ε
5. VDECL → vtype id semi
6. VDECL → vtype ASSIGN semi
7. ASSIGN → id assign RHS
8. FDECL → vtype id lparen ARG rparen lbrace BLOCK RETURN rbrace
9. ARG → vtype id MOREARGS
10. ARG → ε
11. MOREARGS → comma vtype id MOREARGS
12. MOREARGS → ε
13. BLOCK → STMT BLOCK
14. BLOCK → ε
15. STMT → VDECL
16. STMT → ASSIGN semi
17. STMT → if lparen COND rparen lbrace BLOCK rbrace ELSE
18. STMT → while lparen COND rparen lbrace BLOCK rbrace
19. STMT → for lparen ASSIGN semi COND semi ASSIGN rparen lbrace BLOCK rbrace
20. ELSE → else lbrace BLOCK rbrace
21. ELSE → ε
22. RHS → EXPR
23. RHS → literal
24. EXPR → TERM addsub EXPR
25. EXPR → TERM
26. TERM → FACTOR multdiv TERM
27. TERM → FACTOR
28. FACTOR → lparen EXPR rparen
29. FACTOR → id
30. FACTOR → num
31. FACTOR → float
32. COND → FACTOR comp FACTOR
33. RETURN → return FACTOR semi