00: S → CODE

01: CODE → VDECL CODE | FDECL CODE | CDECL CODE | ϵ

02: VDECL → vtype id semi | vtype ASSIGN semi

03: ASSIGN → id assign RHS

04: RHS → EXPR | literal | character | boolstr

05: EXPR → EXPR\_MD addsub EXPR | EXPR\_MD

06: EXPR\_MD → EXPR\_T multdiv EXPR\_MD | EXPR\_T

07: EXPR\_T → lparen EXPR rparen | id | num

08: FDECL → vtype id lparen ARG rparen lbrace BLOCK RETURN rbrace

09: ARG → vtype id MOREARGS | ϵ

10: MOREARGS → comma vtype id MOREARGS | ϵ

11: BLOCK → STMT BLOCK | ϵ

12: STMT → VDECL | ASSIGN semi

13: STMT → if lparen COND rparen lbrace BLOCK rbrace ELSE

14: STMT → while lparen COND rparen lbrace BLOCK rbrace

15: COND → boolstr comp COND | boolstr

16: ELSE → else lbrace BLOCK rbrace | ϵ

17: RETURN → return RHS semi

18: CDECL → class id lbrace ODECL rbrace

19: ODECL → VDECL ODECL | FDECL ODECL | ϵ

//ambiguity: 기존 EXPR과 COND에 존재.