

## Simple Grammar (CFG)

MainProgram  $\rightarrow$  void main ( ) { StmtList }

StmtList  $\rightarrow$  Stmt StmtList |  $\epsilon$

Stmt  $\rightarrow$  InputStmt | OutputStmt | DeclareStmt | .....

InputStmt  $\rightarrow$  cin >> ReadVar ;

ReadVar  $\rightarrow$  id | id >> ReadVar