<statement-list>:=<statement-list> <statement>| <statement> | ‘end’ ‘;’ | λ

<statement>:=<assign-statement> ‘;’ |<declare-statement> ‘;’ |<if-statement> ‘;’ <statement>:= <expression> ‘;’

<declare-statement>:=int <identifier> ‘=’<expression>

<assign-statement>:=<identifier>’=’<expression>

<if-statement>:=’if’ <logical-expression> ‘then’ <statement-list> ‘end’

<logical-expression>:=<logical-expression> ‘==’<expression>

<logical-expression>:=<logical-expression> ‘>’<expression>

<logical-expression>:=<logical-expression> ‘<’ <expression>

<expression>:=<expression>+<term>|<expression>-<term>|<term>

<term>:=<term>’\*’<factor>|<term>’/’<factor>| <factor>

<factor>:=number | ( <expression>) | ‘-’ <factor>