

Test Case #6

Stack
. LexToken(INT,'int',1,0)
INT . LexToken(LEFTBRACKET,'[',1,3)
Type . LexToken(LEFTBRACKET,'[',1,3)
Type LEFTBRACKET . LexToken(RIGHTBRACKET,']',1,4)
Type LEFTBRACKET RIGHTBRACKET . LexToken(LEFTBRACKET,'[',1,5)
Type . LexToken(LEFTBRACKET,'[',1,5)
Type LEFTBRACKET . LexToken(RIGHTBRACKET,']',1,6)
Type LEFTBRACKET RIGHTBRACKET . LexToken(LEFTBRACKET,'[',1,7)
Type . LexToken(LEFTBRACKET,'[',1,7)
Type LEFTBRACKET . LexToken(RIGHTBRACKET,']',1,8)
Type LEFTBRACKET RIGHTBRACKET . LexToken(ID,'super',1,10)
Type . LexToken(ID,'super',1,10)
Type ID . LexToken(SEMICOLON,';',1,15)
Variable . LexToken(SEMICOLON,';',1,15)
Variable SEMICOLON . \$end
VariableDeclaration . \$end
Declaration . \$end
Program . \$end

Action

Shift and goto state 13

Reduce rule [Type -> INT] with ['int'] and goto state 8

Shift and goto state 20

Shift and goto state 27

Reduce rule [Type -> Type LEFTBRACKET RIGHTBRACKET] with [None,['(',')']] and goto state 8

Shift and goto state 20

Shift and goto state 27

Reduce rule [Type -> Type LEFTBRACKET RIGHTBRACKET] with [None,['(',')']] and goto state 8

Shift and goto state 20

Shift and goto state 27

Reduce rule [Type -> Type LEFTBRACKET RIGHTBRACKET] with [None,['(',')']] and goto state 8

Shift and goto state 19

Reduce rule [Variable -> Type ID] with [None,'super'] and goto state 7

Shift and goto state 18

Reduce rule [VariableDeclaration -> Variable SEMICOLON] with [None, ';'] and goto state 3

Reduce rule [Declaration -> VariableDeclaration] with [None] and goto state 2

Reduce rule [Program -> Declaration] with [None] and goto state 1