Test Case #3

Stack

. LexToken(VOID,'void',1,0)

VOID . LexToken(ID,'main',1,5)

VOID ID . LexToken(LEFTPAREN,'(',1,9)

VOID ID LEFTPAREN . LexToken(RIGHTPAREN,')',1,10)

VOID ID LEFTPAREN RIGHTPAREN . LexToken(LEFTBRACE,'{',1,12)

VOID ID LEFTPAREN RIGHTPAREN LEFTBRACE . LexToken(ID,'result',1,14)

VOID ID LEFTPAREN RIGHTPAREN LEFTBRACE ID . LexToken(ASSIGNOP,'=',1,21)

VOID ID LEFTPAREN RIGHTPAREN LEFTBRACE LValue . LexToken(ASSIGNOP,'=',1,21)

VOID ID LEFTPAREN RIGHTPAREN LEFTBRACE LValue ASSIGNOP . LexToken(DOUBLECONSTANT,'5.',1,23)

VOID ID LEFTPAREN RIGHTPAREN LEFTBRACE LValue ASSIGNOP DOUBLECONSTANT . error

VOID ID LEFTPAREN RIGHTPAREN LEFTBRACE LValue . error

VOID ID LEFTPAREN RIGHTPAREN . error

VOID ID . error

. error

. LexToken(INTCONSTANT,'4',1,31)

. LexToken(SEMICOLON,';',1,33)

. $end

Action
Shift and goto state 10
Shift and goto state 23
Shift and goto state 30
Shift and goto state 43
Shift and goto state 62
Shift and goto state 94
Reduce rule [LValue -> ID] with ['result'] and goto state 95
Shift and goto state 155
Shift and goto state 112