Stack
. LexToken(CLASS,'class',1,0)
CLASS . LexToken(ID,'myClass',1,6)
CLASS ID . LexToken(LEFTBRACE,'{',1,14)
CLASS ID LEFTBRACE . LexToken(BOOLEAN,'boolean',1,16)
CLASS ID LEFTBRACE BOOLEAN . LexToken(ID,'b',1,24)
CLASS ID LEFTBRACE Type . LexToken(ID,'b',1,24)
CLASS ID LEFTBRACE Type ID . LexToken(SEMICOLON,';',1,25)
CLASS ID LEFTBRACE Variable . LexToken(SEMICOLON,';',1,25)
CLASS ID LEFTBRACE Variable SEMICOLON . LexToken(ID,'userDefinedClassType',1,27)
CLASS ID LEFTBRACE VariableDeclaration . LexToken(ID,'userDefinedClassType',1,27)
CLASS ID LEFTBRACE Field . LexToken(ID,'userDefinedClassType',1,27)
CLASS ID LEFTBRACE Field ID . LexToken(ID,'f',1,48)
CLASS ID LEFTBRACE Field ID ID . LexToken(LEFTPAREN,'(',1,49)
CLASS ID LEFTBRACE Field ID ID LEFTPAREN . LexToken(RIGHTPAREN,')',1,50)
CLASS ID LEFTBRACE Field ID ID LEFTPAREN RIGHTPAREN . LexToken(LEFTBRACE,'{',1,51)
CLASS ID LEFTBRACE Field ID ID LEFTPAREN RIGHTPAREN LEFTBRACE . LexToken(RIGHTBRACE,'}',1,52)
CLASS ID LEFTBRACE Field ID ID LEFTPAREN RIGHTPAREN LEFTBRACE RIGHTBRACE . LexToken(DOUBLE,'double',1,54)
CLASS ID LEFTBRACE Field ID ID LEFTPAREN RIGHTPAREN StatementBlock . LexToken(DOUBLE,'double',1,54)
CLASS ID LEFTBRACE Field FunctionDeclaration . LexToken(DOUBLE,'double',1,54)
CLASS ID LEFTBRACE Field Field . LexToken(DOUBLE,'double',1,54)
CLASS ID LEFTBRACE Field Field DOUBLE . LexToken(ID,'d',1,61)
CLASS ID LEFTBRACE Field Field Type . LexToken(ID,'d',1,61)
CLASS ID LEFTBRACE Field Field Type ID . LexToken(SEMICOLON,';',1,62)
CLASS ID LEFTBRACE Field Field Variable . LexToken(SEMICOLON,';',1,62)
CLASS ID LEFTBRACE Field Field Variable SEMICOLON . LexToken(STRING,'string',1,64)
CLASS ID LEFTBRACE Field Field VariableDeclaration . LexToken(STRING,'string',1,64)
CLASS ID LEFTBRACE Field Field Field . LexToken(STRING,'string',1,64)
CLASS ID LEFTBRACE Field Field Field STRING . LexToken(ID,'g',1,71)
CLASS ID LEFTBRACE Field Field Field Type . LexToken(ID,'g',1,71)
CLASS ID LEFTBRACE Field Field Field Type ID . LexToken(LEFTPAREN,'(',1,72)
CLASS ID LEFTBRACE Field Field Field Type ID LEFTPAREN . LexToken(RIGHTPAREN,')',1,73)
CLASS ID LEFTBRACE Field Field Field Type ID LEFTPAREN RIGHTPAREN . LexToken(LEFTBRACE,'{',1,74)
CLASS ID LEFTBRACE Field Field Field Type ID LEFTPAREN RIGHTPAREN LEFTBRACE . LexToken(RIGHTBRACE,'}',1,75)
CLASS ID LEFTBRACE Field Field Field Type ID LEFTPAREN RIGHTPAREN LEFTBRACE RIGHTBRACE . LexToken(RIGHTBRACE,'}',
CLASS ID LEFTBRACE Field Field Field Type ID LEFTPAREN RIGHTPAREN StatementBlock . LexToken(RIGHTBRACE,'}',1,77)
CLASS ID LEFTBRACE Field Field Field FunctionDeclaration . LexToken(RIGHTBRACE,'}',1,77)
CLASS ID LEFTBRACE Field Field Field Field . LexToken(RIGHTBRACE,'}',1,77)
CLASS ID LEFTBRACE Field Field Field Fields . LexToken(RIGHTBRACE,'}',1,77)
CLASS ID LEFTBRACE Field Field Fields . LexToken(RIGHTBRACE,'}',1,77)
CLASS ID LEFTBRACE Field Fields . LexToken(RIGHTBRACE,'}',1,77)
CLASS ID LEFTBRACE Fields . LexToken(RIGHTBRACE,'}',1,77)
CLASS ID LEFTBRACE Fields RIGHTBRACE . $end
ClassDeclaration . $end
Declaration . $end
Program . $end

Action
Shift and goto state 11
Shift and goto state 24
Shift and goto state 32
Shift and goto state 15
Reduce rule [Type -> BOOLEAN] with ['boolean'] and goto state 8
Shift and goto state 19
Reduce rule [Variable -> Type ID] with [None,'b'] and goto state 7
Shift and goto state 18
Reduce rule [VariableDeclaration -> Variable SEMICOLON] with [None,';'] and goto state 48
Reduce rule [Field -> VariableDeclaration] with [None] and goto state 47
Shift and goto state 9
Shift and goto state 21
Shift and goto state 28
Shift and goto state 41
Shift and goto state 62
Shift and goto state 82
Reduce rule [StatementBlock -> LEFTBRACE RIGHTBRACE] with ['{','}'] and goto state 65
Reduce rule [FunctionDeclaration -> ID ID LEFTPAREN RIGHTPAREN StatementBlock] with [<str @ 0x11220e7c8>,'f','(',')',N
Reduce rule [Field -> FunctionDeclaration] with [None] and goto state 47
Shift and goto state 14
Reduce rule [Type -> DOUBLE] with ['double'] and goto state 8
Shift and goto state 19
Reduce rule [Variable -> Type ID] with [None,'d'] and goto state 7
Shift and goto state 18
Reduce rule [VariableDeclaration -> Variable SEMICOLON] with [None,';'] and goto state 48
Reduce rule [Field -> VariableDeclaration] with [None] and goto state 47
Shift and goto state 16
Reduce rule [Type -> STRING] with ['string'] and goto state 8
Shift and goto state 19
Shift and goto state 26
Shift and goto state 38
Shift and goto state 62
Shift and goto state 82
Reduce rule [StatementBlock -> LEFTBRACE RIGHTBRACE] with ['{','}'] and goto state 61
Reduce rule [FunctionDeclaration -> Type ID LEFTPAREN RIGHTPAREN StatementBlock] with [None,'g','(',')',None] and goto
Reduce rule [Field -> FunctionDeclaration] with [None] and goto state 47
Reduce rule [Fields -> Field] with [None] and goto state 71
Reduce rule [Fields -> Field Fields] with [None,None] and goto state 71
Reduce rule [Fields -> Field Fields] with [None,None] and goto state 71
Reduce rule [Fields -> Field Fields] with [None,None] and goto state 45
Shift and goto state 70
Reduce rule [ClassDeclaration -> CLASS ID LEFTBRACE Fields RIGHTBRACE] with ['class','myClass','{',None,'}'] and goto state 5
Reduce rule [Declaration -> ClassDeclaration] with [None] and goto state 2
Reduce rule [Program -> Declaration] with [None] and goto state 1

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