===== Terminals =====

[0]EOF [1]error [2]LP [3]RP [4]ASSIGN

[5]BOOLEAN [6]BREAK [7]CLASS [8]COMMA [9]CONTINUE

[10]DIVIDE [11]DOT [12]EQUAL [13]EXTENDS [14]ELSE

[15]FALSE [16]GT [17]GTE [18]MOD [19]MINUS

[20]LTE [21]LT [22]LOR [23]LNEG [24]NEW

[25]LENGTH [26]LCBR [27]LB [28]LAND [29]INT

[30]IF [31]MULTIPLY [32]NEQUAL [33]NULL [34]PLUS

[35]RB [36]RCBR [37]RETURN [38]SEMI [39]STATIC

[40]STRING [41]THIS [42]TRUE [43]VOID [44]WHILE

[45]QUOTE [46]INTEGER [47]ID [48]CLASS\_ID [49]UMINUS

[50]LOCATION\_PREC [51]CALL\_PREC

===== Non terminals =====

[0]Program [1]classList [2]classDecl [3]memberList [4]fieldList

[5]idList [6]method [7]type [8]formalList [9]formal

[10]stmt [11]stmtList [12]exp [13]literal [14]call

[15]virtualCall [16]staticCall [17]actualParamList [18]location [19]andExp

[20]eqExp [21]relExp [22]relBinOp [23]arithExp [24]arithTerm

[25]termOp [26]unTerm [27]expLiteral [28]ifStmt

===== Productions =====

[0] Program ::= classList

[1] $START ::= Program EOF

[2] classList ::= classDecl

[3] classList ::= classList classDecl

[4] classDecl ::= CLASS CLASS\_ID EXTENDS CLASS\_ID LCBR memberList RCBR

[5] classDecl ::= CLASS CLASS\_ID LCBR memberList RCBR

[6] memberList ::= memberList fieldList

[7] memberList ::= memberList method

[8] memberList ::=

[9] fieldList ::= type idList SEMI

[10] idList ::= ID

[11] idList ::= idList COMMA ID

[12] method ::= STATIC type ID LP formalList RP LCBR stmtList RCBR

[13] method ::= type ID LP formalList RP LCBR stmtList RCBR

[14] method ::= STATIC VOID ID LP formalList RP LCBR stmtList RCBR

[15] method ::= VOID ID LP formalList RP LCBR stmtList RCBR

[16] formalList ::= formal

[17] formalList ::= formalList COMMA formal

[18] formalList ::=

[19] formal ::= type ID

[20] stmtList ::= stmtList stmt

[21] stmtList ::=

[22] stmt ::= ifStmt

[23] stmt ::= type ID SEMI

[24] ifStmt ::= RETURN exp SEMI

[25] ifStmt ::= RETURN SEMI

[26] ifStmt ::= call SEMI

[27] ifStmt ::= BREAK SEMI

[28] ifStmt ::= CONTINUE SEMI

[29] ifStmt ::= LCBR stmtList RCBR

[30] ifStmt ::= type ID ASSIGN exp SEMI

[31] ifStmt ::= location ASSIGN exp SEMI

[32] ifStmt ::= WHILE LP exp RP ifStmt

[33] ifStmt ::= IF LP exp RP ifStmt

[34] ifStmt ::= IF LP exp RP ifStmt ELSE ifStmt

[35] exp ::= exp LOR andExp

[36] exp ::= andExp

[37] andExp ::= andExp LAND eqExp

[38] andExp ::= eqExp

[39] eqExp ::= eqExp EQUAL relExp

[40] eqExp ::= eqExp NEQUAL relExp

[41] eqExp ::= relExp

[42] relExp ::= arithExp relBinOp arithExp

[43] relExp ::= arithExp

[44] relBinOp ::= LT

[45] relBinOp ::= LTE

[46] relBinOp ::= GT

[47] relBinOp ::= GTE

[48] arithExp ::= arithExp PLUS arithTerm

[49] arithExp ::= arithExp MINUS arithTerm

[50] arithExp ::= arithTerm

[51] arithTerm ::= arithTerm termOp unTerm

[52] arithTerm ::= unTerm

[53] termOp ::= MULTIPLY

[54] termOp ::= DIVIDE

[55] termOp ::= MOD

[56] unTerm ::= MINUS unTerm

[57] unTerm ::= LNEG unTerm

[58] unTerm ::= expLiteral

[59] expLiteral ::= LP exp RP

[60] expLiteral ::= literal

[61] expLiteral ::= expLiteral DOT LENGTH

[62] expLiteral ::= NEW type LB exp RB

[63] expLiteral ::= NEW CLASS\_ID LP RP

[64] expLiteral ::= THIS

[65] expLiteral ::= call

[66] expLiteral ::= location

[67] call ::= staticCall

[68] call ::= virtualCall

[69] location ::= ID

[70] location ::= expLiteral DOT ID

[71] location ::= expLiteral LB exp RB

[72] staticCall ::= CLASS\_ID DOT ID LP actualParamList RP

[73] virtualCall ::= ID LP actualParamList RP

[74] virtualCall ::= expLiteral DOT ID LP actualParamList RP

[75] actualParamList ::=

[76] actualParamList ::= actualParamList COMMA exp

[77] actualParamList ::= exp

[78] literal ::= TRUE

[79] literal ::= FALSE

[80] literal ::= NULL

[81] literal ::= QUOTE

[82] literal ::= INTEGER

[83] type ::= INT

[84] type ::= BOOLEAN

[85] type ::= STRING

[86] type ::= CLASS\_ID

[87] type ::= type LB RB

------- CUP v0.11a beta 20060608 Parser Generation Summary -------

0 errors and 0 warnings

52 terminals, 29 non-terminals, and 88 productions declared,

producing 185 unique parse states.

0 terminals declared but not used.

0 non-terminals declared but not used.

0 productions never reduced.

0 conflicts detected (0 expected).

Code written to "parser.java", and "sym.java".

---------------------------------------------------- (v0.11a beta 20060608)