

## Project Grammar

1. <program> -> <define> <more\_defines> EOF\_T
2. <define> -> LPAREN\_T DEFINE\_T LPAREN\_T IDENT\_T <param\_list> RPAREN\_T  
<stmt>  
<stmt\_list> RPAREN\_T
3. <more\_defines> -> <define> <more\_defines>
4. <more\_defines> -> {}
5. <stmt\_list> -> <stmt> <stmt\_list>
6. <stmt\_list> -> {}
7. <stmt> -> <literal>
8. <stmt> -> IDENT\_T
9. <stmt> -> LPAREN\_T <action> RPAREN\_T
10. <literal> -> NUMLIT\_T
11. <literal> -> STRLIT\_T
12. <literal> -> QUOTE\_T <quoted\_lit>
13. <quoted\_lit> -> <any\_other\_token>
14. <more\_tokens> -> <any\_other\_token> <more\_tokens>
15. <more\_tokens> -> {}
16. <param\_list> -> IDENT\_T <param\_list>
17. <param\_list> -> {}
18. <else\_part> -> <stmt>
19. <else\_part> -> {}
20. <stmt\_pair> -> LPAREN\_T <stmt\_pair\_body> RPAREN\_T
21. <stmt\_pair\_body> -> LPAREN\_T <action> RPAREN\_T <stmt>
22. <stmt\_pair\_body> -> <action>
23. <stmt\_pair\_body> -> <literal>
24. <more\_pairs> -> <stmt\_pair> <more\_pairs>
25. <more\_pairs> -> {}
26. <action> -> IF\_T <stmt> <stmt> <else\_part>
27. <action> -> COND\_T <stmt\_pair> <more\_pairs>
28. <action> -> LISTOP\_T <stmt>
29. <action> -> CONS\_T <stmt> <stmt>
30. <action> -> AND\_T <stmt\_list>
31. <action> -> OR\_T <stmt\_list>
32. <action> -> NOT\_T <stmt>
33. <action> -> NUMBERP\_T <stmt>
34. <action> -> SYMBOLP\_T <stmt>
35. <action> -> LISTP\_T <stmt>
36. <action> -> ZEROP\_T <stmt>
37. <action> -> NULLP\_T <stmt>

38. <action> -> STRINGP\_T <stmt>
39. <action> -> PLUS\_T <stmt\_list>
40. <action> -> MINUS\_T <stmt> <stmt\_list>
41. <action> -> DIV\_T <stmt> <stmt\_list>
42. <action> -> MULT\_T <stmt\_list>
43. <action> -> MODULO\_T <stmt> <stmt>
44. <action> -> EQUALTO\_T <stmt\_list>
45. <action> -> GT\_T <stmt\_list>
46. <action> -> LT\_T <stmt\_list>
47. <action> -> GTE\_T <stmt\_list>
48. <action> -> LTE\_T <stmt\_list>
49. <action> -> IDENT\_T <stmt\_list>
50. <action> -> DISPLAY\_T <stmt>
51. <action> -> NEWLINE\_T
52. <any\_other\_token> -> LPAREN\_T <more\_tokens> RPAREN\_T
53. <any\_other\_token> -> IDENT\_T
54. <any\_other\_token> -> NUMLIT\_T
55. <any\_other\_token> -> STRLIT\_T
56. <any\_other\_token> -> CONS\_T
57. <any\_other\_token> -> IF\_T
58. <any\_other\_token> -> DISPLAY\_T
59. <any\_other\_token> -> NEWLINE\_T
60. <any\_other\_token> -> LISTOP\_T
61. <any\_other\_token> -> AND\_T
62. <any\_other\_token> -> OR\_T
63. <any\_other\_token> -> NOT\_T
64. <any\_other\_token> -> DEFINE\_T
65. <any\_other\_token> -> NUMBERP\_T
66. <any\_other\_token> -> SYMBOLP\_T
67. <any\_other\_token> -> LISTP\_T
68. <any\_other\_token> -> ZEROP\_T
69. <any\_other\_token> -> NULLP\_T
70. <any\_other\_token> -> STRINGP\_T
71. <any\_other\_token> -> PLUS\_T
72. <any\_other\_token> -> MINUS\_T
73. <any\_other\_token> -> DIV\_T
74. <any\_other\_token> -> MULT\_T
75. <any\_other\_token> -> MODULO\_T
76. <any\_other\_token> -> EQUALTO\_T
77. <any\_other\_token> -> GT\_T
78. <any\_other\_token> -> LT\_T
79. <any\_other\_token> -> GTE\_T
80. <any\_other\_token> -> LTE\_T
81. <any\_other\_token> -> QUOTE\_T <any\_other\_token>