

program ::= (*mod* ...)
 mod ::= (*module id (req ...)* (*code ...*))
 code ::= (*phase (expr ...)*)
 req ::= (*require id @ phase*)
 expr ::= *var*
 | *val*
 | (+ *expr expr*)
 | (set! *var expr*)
 val ::= *number*
 | (*quote id @ phase*)
 var ::= (*id id*)
 id ::= *variable-not-otherwise-mentioned*
 phase ::= *number*