CODE => STATEMENT CODE | E

STATEMENT => BARE | COMPLEX

BARE => IDENTIFIER = OBJECT BARE**’ ;**

BARE**’** => operation OBJECT BARE**’ |** E

OBJECT => constant | IDENTIFIER

COMPLEX => FOR\_STATEMENT | WHILE\_STATEMENT | IF\_STATEMENT

IDENTIFIER => varuable INDEX

INDEX => [ OBJECT BARE**’** ]

FOR\_STATEMENT => for ( BARE ? **;** BOOL\_EXP ? **;** BARE ? ){ CODE }

WHILE\_STATEMENT => while ( BOOL\_EXP ? ) { CODE }

IF\_STATEMENT => if ( BOOL\_EXP ? ) { CODE }

BOOL\_EXP => OBJECT BARE**’** comparison OBJECT BARE**’**

Note: words with all letter large are non-terminals, words where all letters are small are terminals. This grammatic doesn’t include ‘foreach’ statements.