

Parser Grammar

lowercase = non-terminals. uppercase = token emitted by lexer.

identifier ::= IDENTIFIER

constant ::= integer-constant
 | FLOATING-CONSTANT
 | CHAR-CONSTANT

integer-constant ::= DECIMAL-CONSTANT
 | BINARY-CONSTANT
 | OCTAL-CONSTANT
 | HEX-CONSTANT

string-literal ::= STRING-LITERAL

program ::= statement+

stmt ::= open-stmt | closed-stmt

open-stmt ::= "if" "(" expr ")" stmt
 | "if" "(" expr ")" closed-stmt "else" open-stmt
 | ...

closed-stmt ::= "if" "(" expr ")" closed-stmt "else" closed-stmt
 | ...
