Pratt Parser Flow Charts

(,) ⟶ grouping   numbers (1,2,etc.) ⟶ number

*, +, -, / ⟶ binary

Example a)

> (1+2)

prev   curr
↓   ↓
None   (

① ⟹ expression ();

↓

assign-precedence

②

prev   curr
↓   ↓
((

grouping ①

↓

②

consumes)

prev   curr
↓   ↓
(1

③ expression ();

↓

assign-precedence

↓

prefix

Chunk

Index	Bytecode
0	"1"
1	"2"
2	"+"

precedence

steps for function

all function calls

prev   curr
↓   ↓
1   +

④ ○ writeNumber(1)

↓

infix

prev   curr
↓   ↓
+   2

⑤ binary. ①

○ evaluate(term-precedence +) prefix: 2 prev

②

writes-add writes number ')' curr