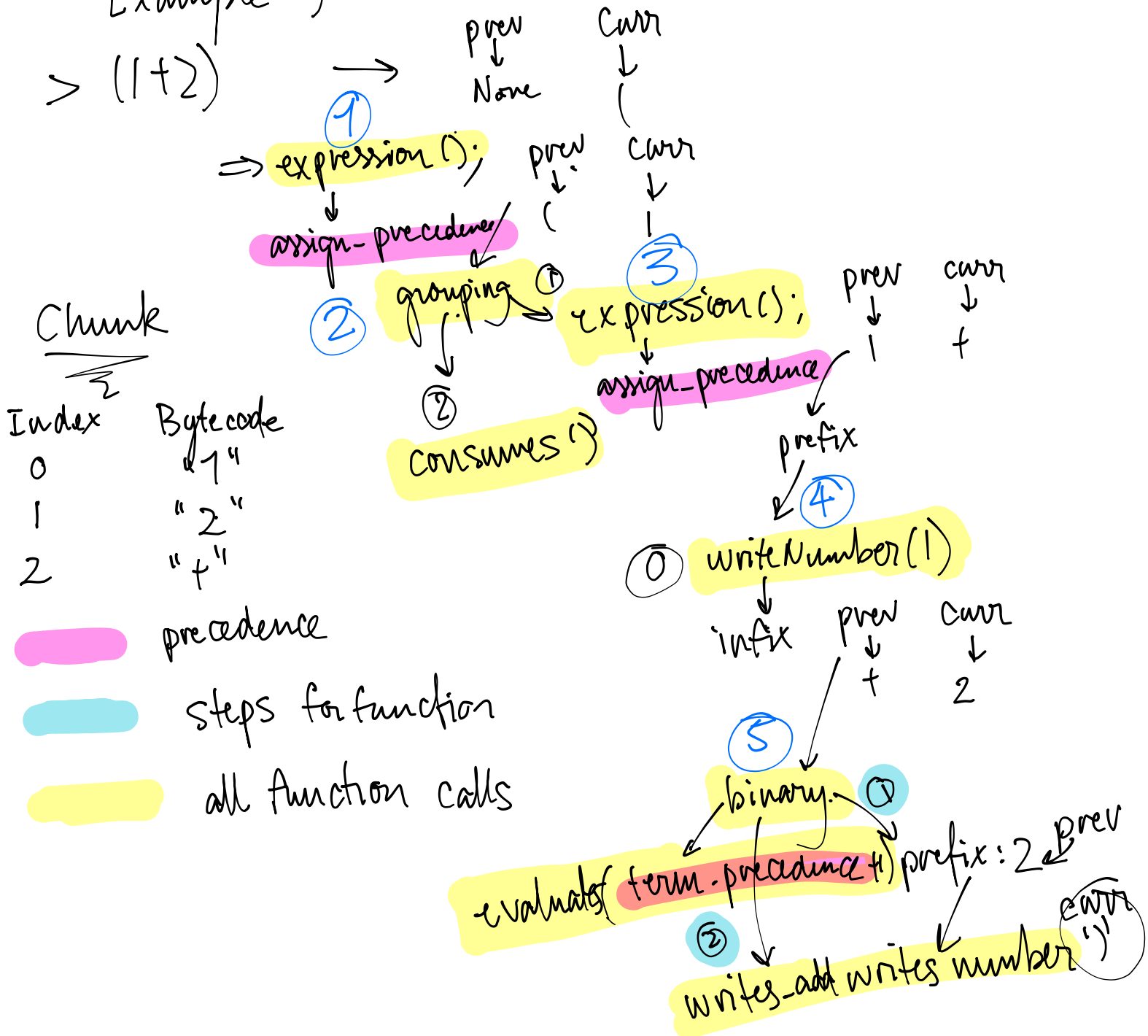


# Pratt Parser Flow Charts

(,)  $\rightarrow$  grouping      numbers (1,2,etc.)  $\rightarrow$  number  
 \*, +, -, /  $\rightarrow$  binary

Example a)

> (1+2)



# Example 2: 3 \* (1 + 2)

Expression ();  
curr: 3  
prev: None

parse precedence (assign)  
curr: x →  
prev: 3

① prefix  
writenumb(3)

binary();  
curr: (  
prev: x

②  
writebyte("x")

①  
parse precedence (factor +1)  
curr: 1  
prev: (

prefix

grouping();

expression();

writenumb(1)

① prefix

parse prec(assign)  
curr: +  
prev: 1

② infix

binary();  
curr: 2  
prev: +

②  
writebyte(+)

①

parse preced (term)  
curr: )  
prev: 2

① prefix

writenumb(2)

②

infix  
curr: )  
None

STOP

Chunk:

Index	Byte code.
0	3
1	1
2	2
3	+
4	x

⇒ Traverse using DFS



! prev: 2