Token	What the code does	Ops stack (to
3 (NUMBER)	NUMBER → add to output	—
+ (OP)	Ops empty → push +	+
5 (NUMBER)	NUMBER → add to output	+
* (OP)	Peek +; since + precedence < *, **do not pop** → push *	* +
2 (NUMBER)	NUMBER → add to output	* +
(end)	Pop remaining ops to output	—

op → left) Output list

3

3

3 5

3 5

3 5 2

3 5 2 * +