

Today

Wrap up on frames/closures slides

Define/lambda assignment

Parsing: LR vs LL

(ending at 2:25, point to video)

Tokenizing - identify tokens, indivisible
important language entities

(define a 'x)

(quote 3)

Could you "fix"
the ' here?

(turn into
quote)

Parsing: build structure

→ (define a !x)
↓
(define a (quote x))

(define a '(a b c))
↓
(define a (quote (a b c)))

Tokenizing / parsing Python:

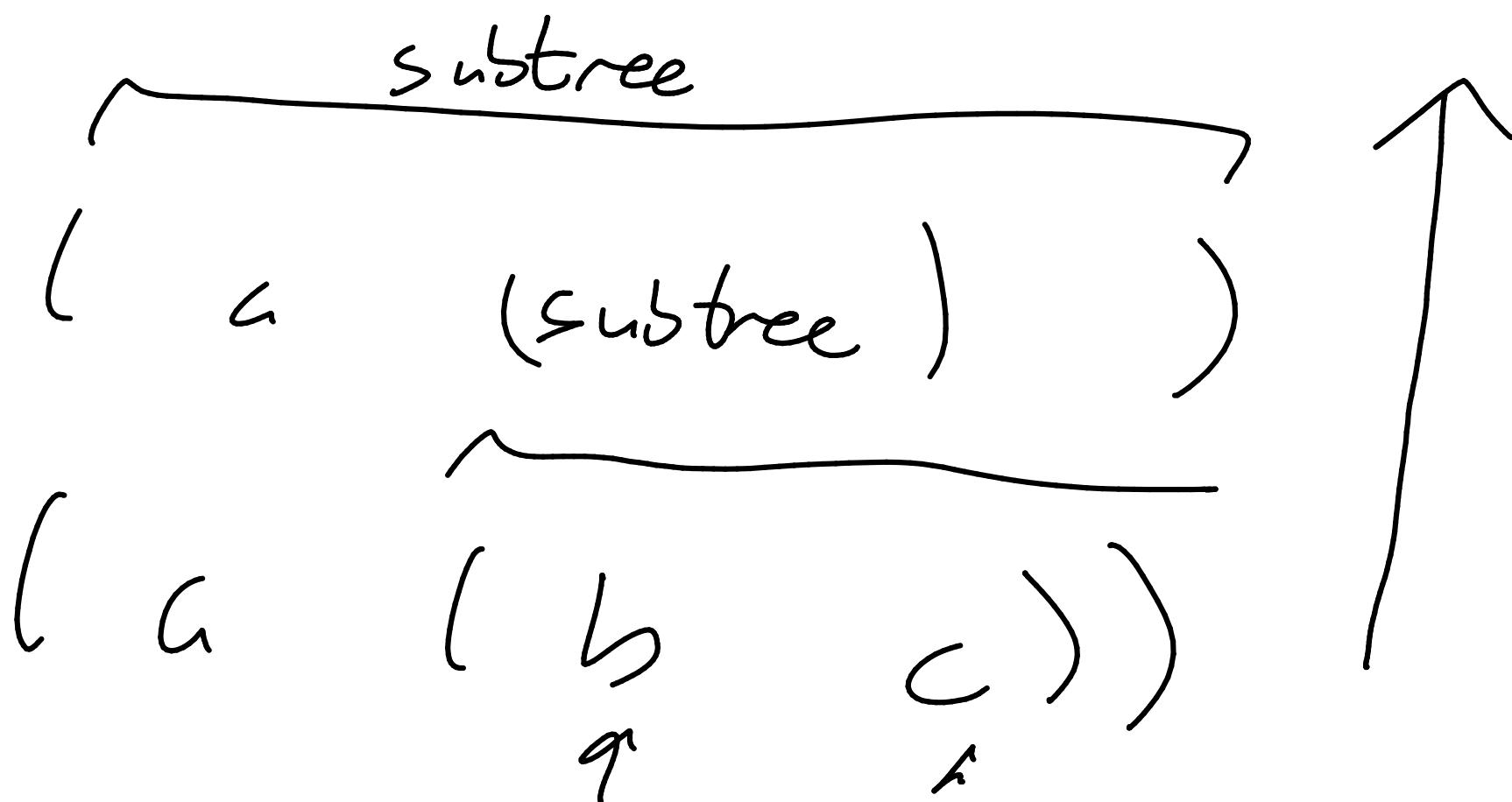
(if (x == 3) (print —) (print —))
dedent
* doit()
"dedent"

What's the video about?

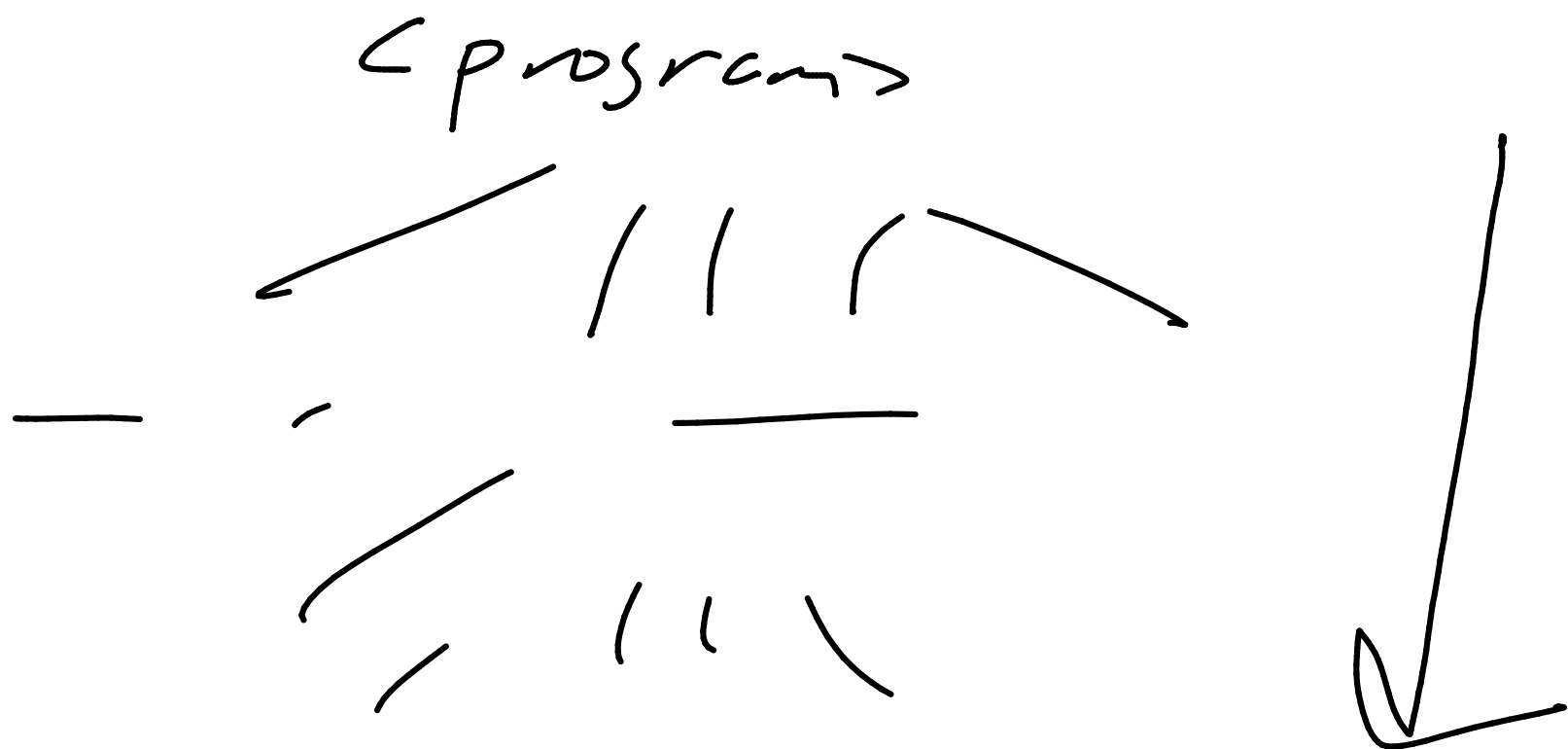
You've already done parsing.

The technique you used ~~was~~ is
broadly known as an LR parsing
technique.

→ "bottom up"



Other approaches (LL)
top down



Video on Moodle - overview
(conceptual) on LL, or
top-down parsing.