Goals for today
- more practice at parsing
- variable scoping

stack subtree & empty landa sustree > landa /a b lambda a b + a rent page

no work yet, just revrike stack Stack define lambda la Lust step: one more) sustree ] define Sum lambda la 5

define sum [lambda a b + a b]

Important detail: a Scheme program is a list of Scheme expressions. Tokas: a
6
(+ 35)

Variable scoping - which portions of code a variable is "alive" for

Two main approaches

Static scoping - a vaidble is visible
based on a structure of code

(rested)

dynamic scoping - a vaidble is visible based on order of execution of code.

```
(define x 1)
(define fun1
                            new local vaidle x
  (lambda ()
    (let ((x 2)) \leq
      (fun2))))
(define fun2
  (lambda ()
    (display x)))
                         suhich x?
                          Static scoping: global
(fun1)
                          dynamic scoping:
most recently seen
                              [in fun 1]
```