CSSE 304 Day 33

- 1. Finish the live coding from Day 31.
- 2. Convert the interpreter to CPS:

Add a new argument to eval-exp, the current continuation (a data-structure continuation)

3. Convert to CPS: a clause of cases from eval-exp [let-exp (syms vals bodies) (let ([extended-env (extend-env syms

(map (lambda (x)

(eval-exp x env))
 vals)
 env)])
(eval-bodies bodies extended-env))]

```
(define-datatype continuation continuation?
  (test-k (then-exp expression?)
            (else-exp expression?)
            (env environment?)
            (k continuation?))
  (rator-k (rands (list-of? expression?))
            (env environment?)
            (k continuation?))
  (rands-k (proc-value scheme-value?)
            (k continuation?)) ; etc
```