Topic: Analyzing evaluator, Lazy evaluator

Lectures: Monday 8/5, Tuesday 8/6

Reading: Abelson & Sussman, Sections 4.1.7, 4.2

A version of the analyzing evaluator is online in `~cs61a/lib/analyze.scm`

A version of the lazy evaluator is online in `~cs61a/lib/lazy.scm`

Homework due 10 AM Monday, 8/12:

Abelson & Sussman, exercises 4.22, 4.23, 4.24, 4.25, 4.26, 4.28, 4.30, 4.32, 4.33

Extra for experts:

Exercise 4.31 in Abelson and Sussman. This exercise doesn't require great brilliance, but it's a lot of work and involves a lot of debugging of details. On the other hand, completing this exercise will teach you a lot about the evaluator.

Unix feature of the assignment: `echo`, `set`, `setenv`, `printenv`

Emacs feature of the assignment: `M-!` (run shell command)