

## CSE 3302 Lab Assignment 6

Due December 4, 2013

### Goal:

Understanding of continuations in Scheme.

### Requirements:

1. Write and test two Scheme (Racket) functions, `remember1*any` and `remember2*cany`, whose functionality mirrors `remember1*` and `remember2*c` in Notes 08, except that these versions replace the atom `a` with a “lat” (list of atoms).
  - a. `(remember1*any lat l)` will remove from the S-expression `l` the first atom (left-to-right) that is included in `lat`.
  - b. `(remember2*cany lat l)` is the same as `remember1*any`, but must use continuations.
3. You may simply include the provided test cases along with your “definitions” to be run with Racket, but leave them out of your final submission.
4. Email your functions, as an attachment, to `sourabh.bose@mavs.uta.edu` by 12:45 p.m. on December 4, 2013.

### Getting Started:

1. You may assume the test cases are formatted correctly.
2. A helper function or two will be useful.