

# COSC 251 – Lab #8

## The No Funny Comment Lab

Purpose: Some more advanced LISP practice!

Task: Using LISP in a Box or your favorite LISP IDE, create a couple of functions for some slightly more interesting math/list applications. The first is to create a power of n function that will take in two parameters n and m, and return the value of  $n^m$ . So if I call (power-of-n 2 5) it should return 32. The second is to create a function that will split out every atom (individual item) in a list. So, if I call (split '(1 2 3)) I should get back ((1) (2) (3) NIL).

Deliverable: the lisp code that you create. It must be submitted via Digital Dropbox. Email submissions to me will be ignored (since Jen is grading the labs).

**This lab may be worked on in pairs.**

Due: By the start of class Monday. No exceptions. To be turned in via Digital Dropbox.