

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 John 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.