Scheme Tutorial Exercises

Fall 2002

Introduction

CS 173

Here are the exercises to complement the Scheme tutorial sessions for cs173. Many are taken directly from How to Design Programs (http://www.htdp.org/). We depart from the book in one major way. Instead of using define-struct and cond for compound data and variants, we use **define-datatype** and **cases**. Documentation for these constructs can be found in DrScheme's Help Desk.

Example

DrScheme

We will be using DrScheme version 202 with a language level for cs173 that includes **define-datatype** and **cases**.

To run DrScheme on the CS network:

1. Type /pro/plt/Linux_unknown/v202/plt/bin/drscheme

To run DrScheme at home:

- 1. Download DrScheme v202 from http://www.drscheme.org/
- 2. Install DrScheme v202 on your home machine.
- 3. Download the package cs173.plt from the course web site http://www.cs.brown.edu/courses/cs173/2002/cs173.plt
- 4. Install the cs173.plt package on your home machine.