CSC151.02 2014S, Class 10: Side Effects: Images, Output, and More

Overview

- Preliminaries.
  - Admin.
  - Questions.
- Lab.

Preliminaries

Admin

- I’m moving my review session on Thursday to some other time. Sorry for the inconsistency. (I’m still trying to figure out what time.)
  9:00? 11:00? 2:15? (shortened)
- Still mentor sessions Thursday 7:00-8:00 and 9:00-10:00
- Extra credit:
  - Convocation, Wednesday, noon, JRC 101 (Putin and Pussy Riot)
  - CS Extras, Wednesday at 4:30 in Science 3821: AppDev
  - CS Table, Friday at noon in the Day PDR: NP Completeness

Upcoming Work

- Wednesday’s reading: Design and Color
- Yesterday’s writeup (due Wednesday): Just send me your unit tests.
- Today’s writeup (due Friday): Exercise 4a from Side Effects
  - Email subject: CSC 151 Writeup 7: Side Effects (YOUR NAME(s) HERE)
- Homework 3 due tonight!

Documenting rectangle

Here’s what I was hoping for

;;; Procedure: rectangle
;;; Parameters: left, a real number
top, a real number
width, a positive real number
; height, a positive real number
; color, a color
; Purpose:
; Create a drawing of a rectangle with the specified characteristics.
; Produces:
; rect, a drawing
; Preconditions:
; color is a valid color name. That is (color? color) holds.
; Postconditions:
; rect is a rectangle. That is (drawing-rectangle? rect) holds.
; (drawing-color rect) is a color equivalent to color.
; (drawing-left rect) is left
; (drawing-top rect) is top
; (drawing-width rect) is width
; (drawing-height rect) is height

Questions

_What should I do if I want to add a short explanation in the middle of my code?

One semicolon

_How do you judge concision?

Usually in terms of how short the code is, although we do not distinguish f from make-a-rectangle-of-given-size

_How are we supposed to use the width and height variables?

Lab

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