

Topic: Data abstraction

Lecture: Wednesday 7/3

Reading: Abelson & Sussman, Sections 2.1 and 2.2.1 (pages 79–106)

Homework due 10 AM Monday, 7/8:

Abelson & Sussman, exercises 2.7, 2.8, 2.10, 2.12, 2.17, 2.20, 2.22, 2.23

(Note: “Spans zero” means that one bound is \leq zero and the other is \geq zero!)

Extra for experts:

Write the procedure `cxr-function` that takes as its argument a word starting with `c`, ending with `r`, and having a string of letters `a` and/or `d` in between, such as `cdddadaadar`. It should return the corresponding function.

Unix feature of the assignment: `rm`, `mv`, `cp`, `rmdir`, `ln -s`

Emacs feature of the assignment: `M-%` (find and replace text)