

 Midterm next Thursday. I will post a "review sheet" with a list of topics, and sample solutions for homeworks, probably this weekend but at least by class time Tuesday.

Slide 1

Arrays and Lists — Overview

• With what we've done so far we have enough tools to compute anything we want to compute. (And in combination with input/output redirection we could probably do some interesting things.)

- However, some things are awkward (repetition), and we don't yet have a convenient way to store many values something similar to subscripted values in math.
- Most programming languages give you a way to represent *collections*. Exactly what you get depends on the language e.g., C gives you only something quite primitive (but close to what the hardware can do), Java gives you something more abstract/useful, and Scala goes even further.



Slide 3









