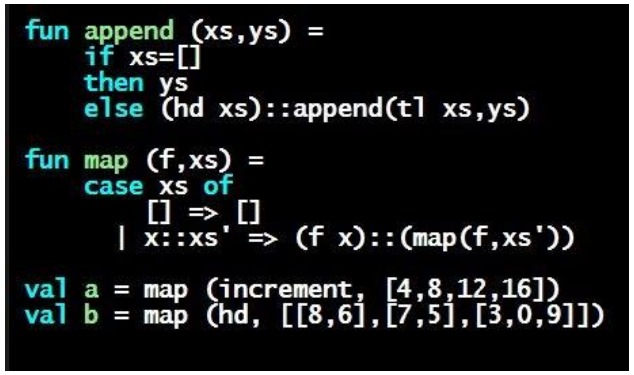

Programming Languages

Dan Grossman
University of Washington

Welcome to Part C!

Re-Welcome!

Parts A & B covered a lot – now let's build on it!

Challenging opportunity to learn *the fundamental concepts* of programming languages

With hard work, patience, and an open mind, this course makes you a much better programmer

- *Poor* course summary: "Uses ML, Racket, and Ruby"

Now:

- A dynamically typed object-oriented language
- The essence of "OOP": inheritance and overrding
- *Contrasting* functional programming and OOP
- More advanced OOP features and idioms
- Subtyping and *contrast* with ML polymorphism (generics)

(Lack of) introductory material

Similar format to prior parts

So “dive right in”

(As needed, consult course information and prior materials)