Intro to Functional Programming

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Our Language of Choice

Haskell

Why learn functional programming?

- Concise syntax
- Functional purity simplifies large codebases
- Recursion fits many problems extremely well
- Higher order functions are seen in numerous imperative languages
- More logically consistent with math
- Many functional concepts show up across languages

The Changes with Functional

To state it simply, everything is a function.

- No variables
- No loops