Compilers
(You survived till the end)

CMPT 379: Compilers

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anoopsarkar.github.io/compilers-class

Wrap Up

- Analysis/Synthesis
  - Translation from string to executable
- Divide and conquer
  - Build one component at a time
  - Theoretical analysis will ensure we keep things **simple** and **correct**
  - Create a complex piece of software

Lecture 1: Why take this class?

- To learn parsing techniques that can be applied elsewhere

- To see how theoretical analysis is applied in practice and how it helps design of complex systems

- To gain an appreciation for language design

- To observe important aspects of software engineering

- To learn how code generation and code optimization can make you a better compiler

- Write a compiler!