

Midterm Review

CSE 401/M501

Announcements

- Midterm **TOMORROW!** 2:30 PM in CSE2 G10
- Checker project due 2 weeks from now, Tuesday May 20th
 - Get started early! This lab is known to be harder (or at least longer)
 - (So please get started early 😊)
 - Start by thinking about the data structures you will use (symbol tables, types)
 - And then bring them to sections next week (5/15) for feedback
- **Required** checker lab check-in next week.

For next week's section →

- For feedback and to keep everyone on track!
- At least one partner from each group needs to attend one of the sections.
- Attendance will be worth points. If you show up with at least a clear implementation roadmap, you should be fine.
- Try to have skeleton classes for your Types, Symbol Tables, and maybe your Visitors!

Midterm topics – full topic list on the web

Compiler structure

Regex and DFA's

Scanners

Grammars and ambiguity

Context-free grammars

LR parsing, tables, conflicts

LL parsing and conflicts

AST's and visitor pattern

Static semantics

Symbol tables

Type checking