

**To-Do**

Lecture 17 covered in more detail the symbol table and walked through simple rvalue type inference as well as type inference and checking for expressions. Be sure to do the following.

1. ***Start Coding up HW-4.*** You have enough now to make good progress on HW-4. You should start filling out the visit functions that we’ve discussed and start formulating ideas and questions about how the semantic checker functions should work. We’ll go over more of semantic checker on Monday (and should finish up our discussions on the implementation). You should also start looking at the unit tests, which will serve as an “oracle” for your semantic checker implementation.
2. ***Review the lecture notes.*** Be sure you understand the purpose and use of the semantic checker, including how it changes as a program is navigated (the lecture notes went through an example).
3. ***Project Proposal.*** Your proposal for the CPSC 326 final project (project part 1) is due next week. You should consider what extensions you would like to work on and start your proposal. Please be sure to read over the project description and requirements as you begin working on the proposals.