

To-Do

Lecture 14 covered issues with and approaches to encoding associativity and precedence operators in $LL(k)$ grammars and parsers. Be sure to do the following.

1. ***Finish up HW-3.*** HW-3 is due on Wednesday, and so you should be working on finishing it up.
2. ***Review the lecture notes.*** While we will not be enforcing associative and precedence of operators in our MyPL implementation, you still need to understand the issues and techniques. Be sure you can recreate the code provided in the lecture notes and understand how precedence rules work by generating the example parse tree.
3. ***Multiple levels of precedence.*** The example in class showed only two precedence levels via the plus and divide operators. Consider how you would encode precedence if you had three levels by adding exponentiation. Using your new rules, create an interesting example expression, show how it should be grouped (via parens), and generate a corresponding parse tree to show that it would correctly group expressions.
4. ***Project Proposal.*** Your proposal for the CPSC 326 final project (project part 1) is due in two weeks. 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.