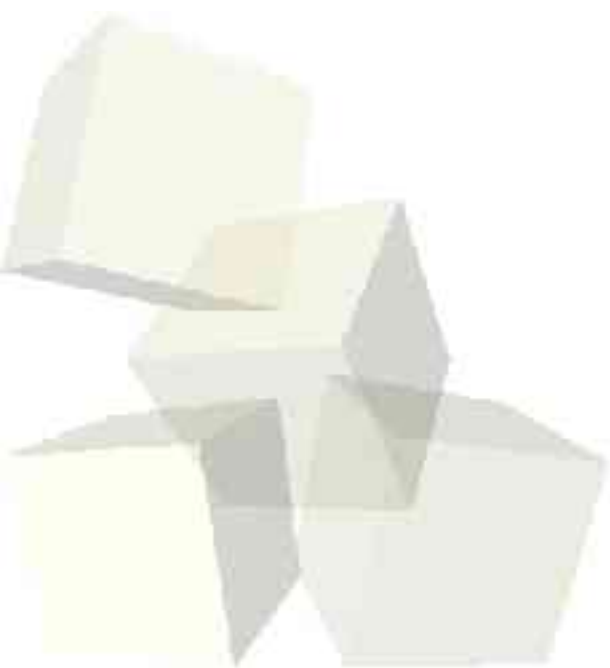





Expressions and Assignments

9-30-2004





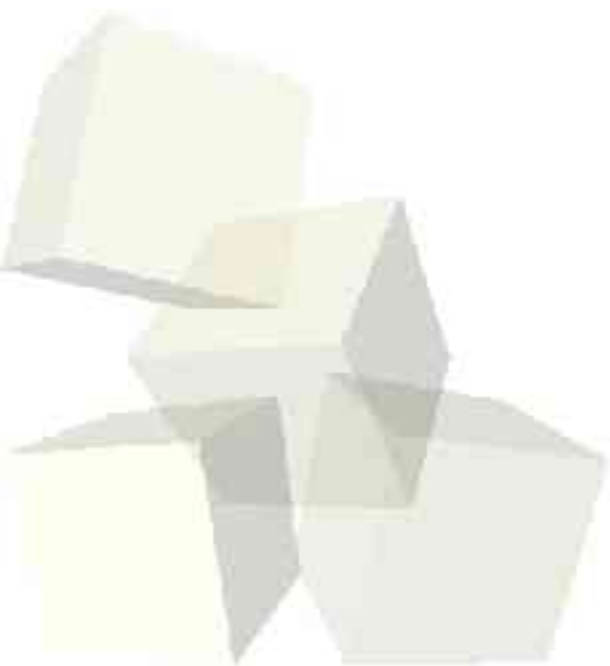
Opening Discussion

- What did we talk about last class?
 - What are your thoughts so far on your course, the text, etc.?
 - Remember that project ideas are due on Tuesday. Those aren't real long and they aren't binding, but you want to be able to start on your final topic soon because it is a large project and a large part of your grade.
- 



Discussion Questions

- Let's go over your discussion questions for today.





Significant Points

- Arithmetic expressions
 - ◆ Precedence
 - ◆ Associativity
 - ◆ Conditional expressions
 - ◆ Operand evaluation order and side effects
- Overloaded operators
 - ◆ Language overloaded operators – almost all languages have them. O'Caml is the only exception I know of.
 - ◆ User overloaded operators
- Type conversions
 - ◆ Coercion in expressions



More significant points

- Relational and boolean expressions
 - Short circuit evaluation
 - Assignment statements
 - ◆ Conditional targets
 - ◆ Compound assignment statements
 - ◆ Unary assignment operators
 - ◆ Assignment as an expression
 - Mixed mode assignment
- 