Exam 1 Overview

- In short: know everything we went over in class (most of which is on the class notes).
- Exam emphasis will be on design patterns
  - But you will have to write Java code

Exam 1 Logistics

- **You must take the exam in the class you are registered for** (which my not be the one whose lectures you attend)
- Bring a couple of pencils; we will provide the exam booklet
Design Pattern Sample Code

- Implements an equational calculator
- **Computation** class
  - Recursive composition for a calculation
- **CompVisitor** class
  - For visiting Computations
    - Implement PrintVisitor, PrefixVisitor, EvalVisitor
- **GetInput** class
  - Icky stuff for reading input

Implements Design Patterns

- Composite (the Computation itself)
- Decorator (within Computation)
- Visitor (for evaluation and printing)
- Typesafe Enum (for parsing)
- Adapter (for parsing)
- See web page for code