

# **CSE 21**

# **Intro to Computing II**

**Final Review**



# Announcement

- ▶ Final Exam
  - 12/10 (Saturday) at 11:30am
  - Cover everything
  - Open notes
  - Review next lecture
- ▶ Course evaluation online
  - Fill out by 12/9
  - Curve the class if more than 70% filled out

# Topics

- ▶ Methods
  - Return values
  - Input arguments
  - Overloading a method
- ▶ Object Oriented Programming
  - Objects/classes
  - Instance vs class variables
  - Common methods in a class
  - Access control of variables/methods
  - Objects and pointers
  - Array of Objects

# Topics

## ▶ Inheritance

- Class hierarchy
- Access control of members
- What is/are inherited?

## ▶ ArrayList

- Basic operations
  - Declaration, add, remove, insert, access
- Used with primitives
  - Wrapper classes: Integer, Double, Character, Boolean

## ▶ File I/O

- Scanner operations, delimiters

## ▶ Multi-dimensional arrays