Java_2 Session 1

Announcements
- Don't use hardwire (wireless only) for laptops
- Activate your ACCeid
- Claim your austincc.edu email

- Go over syllabus for Java 2

- Demo difference between == and .equals()
  - In-class exercise: Override equals() on Object
    If input is a String or Integer, return true, else false

- Autoboxing/unboxing
  - In-class practice: use autoboxing to calculate and print a**2 + b**2

- Casting p.164 (.add() on raw ArrayList then .get() out)

- Interfaces and Sub-Interfaces
  - Study Java API for examples
  - In-class exercise: Define three interfaces X, Y, and Z
    X requires a single method greeting() which returns a String
    Y extends X and requires another_greeting() which returns a String
    Z requires get_count() which returns a double
    Construct a new class TI which implements all interfaces

- Generics notion (use ArrayList)

- Collections overview p. 375 (notions of Set, List, Queue, Map