**Administrivia**

- Homework 1 design was due Thursday; looks like most have turned in something reasonable.
- Homework 1 code due today.
- Homework 2 writeup on Web later today; design due next Tuesday.
- Quiz 1 Thursday — open book / open notes, end of class, about 10 minutes.
- Copying files from Windows to Sol:
  
  Start → Run → \sol.cs.trinity.edu
  should bring up your home directory on Sol.

**Recap — Inheritance**

- Class/subclass relationship has two aspects:
  - Code reuse.
  - Subtyping.
- No multiple inheritance, but can achieve similar effect with “interfaces”.

**A Few More Java Basics**

- Keyword this references “current object”.
- Constructors much as in C++.
  - Same name as class, no return type.
  - Can have more than one, with different parameters.

**Inheritance and Polymorphism**

- If ClassB extends (is a subclass of) ClassA, we can use a ClassB object anywhere a ClassA is wanted.
- If ClassB implements InterfaceA, we can use a ClassB object anywhere an InterfaceA is wanted.
- If x references a ClassB object, anytime we call x.foo(), we get the implementation of foo() for ClassB — no matter what the type of x is.
Minute Essay

- What are you finding most difficult/unclear so far?