.Net vs. Java
And why .Net is better
public class HelloWorld {
    public static void main(String[] args) {
        System.out.println("Hello World!");
    }
}
public class HelloWorld {
    public static void Main(string[] args) {
        System.Console.WriteLine("Hello World!");
    }
}
• Both platforms have rich class libraries
• If you think it’s common, it’s probably in been done for you.
• .Net has fewer collections
  ◦ .Net List<T> == Java ArrayList<T> == Vector<T>
  ◦ Dictionaries are awesome, abuse them whenever you can
GUI Development in Java
GUI Development in C#
For Each Loops

- **Java:**
  ```java
  Thing[] foo;
  for(Thing bar : foo){...
  }
  ```

- **C#**
  ```csharp
  Thing[] foo;
  foreach(Thing bar in foo){...
  }
  ```
- Given int myThing;
- Java has getters and setters (getThing(), setThing())
  - Used like methods, because they are
- .Net has properties
  - Used like variables, but still encapsulated
Events

- Java has anonymous classes galore
- .Net has delegates (type safe function pointers)
• Attributes are cool
• .Net has more flexibility to do dirty things (overloading operators, hiding base methods, etc.)