

CS 99 – Summer 2000 Michael Clarkson Lecture 6

## Administration

- Read clarified grading policies
- Lab 6 due tomorrow
  - Submit .java files in a folder named Lab6
- Lab 7
  - Posted today
  - Upson Lab closed (today?, tomorrow,
  - Wednesday?) class cancelled on Tuesday
  - Michael will hold office hours during lab time

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## What is a Class?

- Java represents data as either primitive types (int, double, boolean, char) or user-defined types
- A *type* is a set of values and operations that can be performed on those values
- A *dass* is a user-defined type in Java
   Defines methods (i.e., operations) that can be performed on objects of that class

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<ul> <li>In Jav</li> <li>Re</li> <li>So we</li> </ul>	7a, arrays are obje member, all non-pri e have to declare object itself	ects mitive types are objects a reference to the array, and c	create the
<ul> <li>An ar the sa</li> </ul>	ray reference is d me type, with the	leclared just like a non-array v e addition of brackets:	ariable of
• An ar the sa	ray reference is d me type, with the int a;	<pre>leclared just like a non-array v e addition of brackets:     int[] a;</pre>	ariable of
array • An ar the sa	ray reference is d ume type, with the int a; String b;	<pre>leclared just like a non-array v e addition of brackets:     int[] a;     String[] b;</pre>	ariable of























