## CS100J. Lecture 2, 30 August 2007 Today's topic: Objects and classes Reading for this lecture: Section 1.3. It's most important that you study this section over the weekend and practice what is taught using DrJava. PLive: Activities 3-3.1, 3-3.2, 3-3.4 (not 3-3.3), 3-4.1, 3-4.2. Summary of lectures: On course page, click on "Handouts" and then "Outline of lectures held so far". Quote for the day: Computers in the future may weigh no more than 1.5 tons. --Popular Mechanics, forecasting the relentless march of science, 1949

About CMS: Course Management System. Use to maintain grades, handle submitted assignments, post grades, handle regrades, etc. Developed by the CS Department.

URL: http://cms3.csuglab.cornell.edu

Click on "Secure extended login". You will be asked for your cornell netid and password. After entering it, you will either be in the CMS and will see the course description or you will see on the right something like this: AEWs Sign up for the 1-credit AEW sections for CS100J.

Two hrs per week. Nothing else.

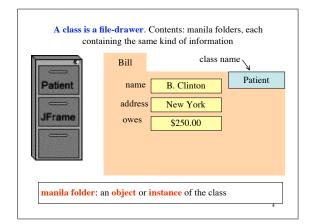
Not remedial.

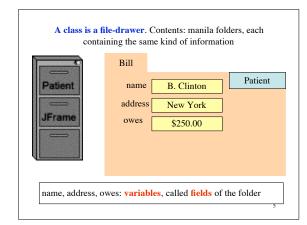
CMS Overview My Courses Com S 100J (student)

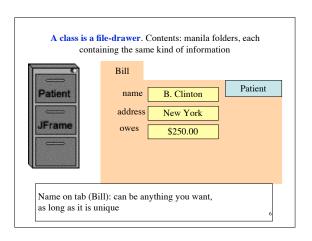
If it lists CS100J, click on it. If it doesn't, email Amy Fish at <a href="mailto:amyfish@cs.cornell.edu">amyfish@cs.cornell.edu</a> and ask her to register you in the CMS for CS100J.

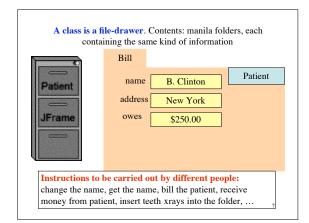
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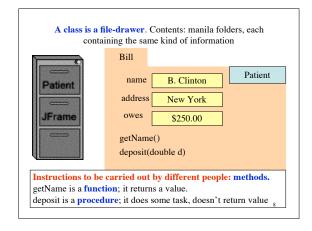


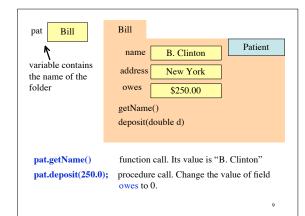


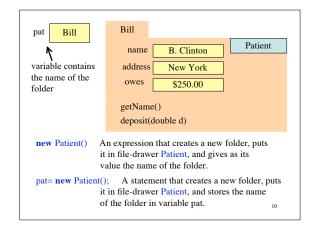












package: A collection of classes that are placed in the same directory on your hard drive. Think of it as a room that contains file cabinets with one drawer for each class.

package java.io classes having to do with input/output package java.net classes having to do with the internet package java.awt classes having to do with making GUIs package javax.swing newer classes having to do with GUIs

To reference class JFrame in package javax.swing, use:

javax.swing.JFrame

Instead: import javax.swing.\*;

Then use simply JFrame

The expression

new JFrame()

creates a new folder that goes in file drawer JFrame.

The statement

jf=new JFrame();

creates a new folder and places its name in variable jf
(jf should have first been declared).

Thereafter, use

jf . method-name ( arguments, if any )
to call methods of folder (object) jf.

• Read section 1.3.

• Practice what you saw in class in DrJava.

• Try the self-review exercises on page 40.