CSE 113 A

January 18 – 22, 2010

Announcements

- ☼ If you have not picked up a syllabus, please do so
- ☼ Assignment #1 sign and return form on last page of syllabus must be turned in by end of class Monday,
 January 25th to receive full credit.
- Make sure to sign up for account



Description of the see a class diagram panel. (Right)

Inside are boxes with words

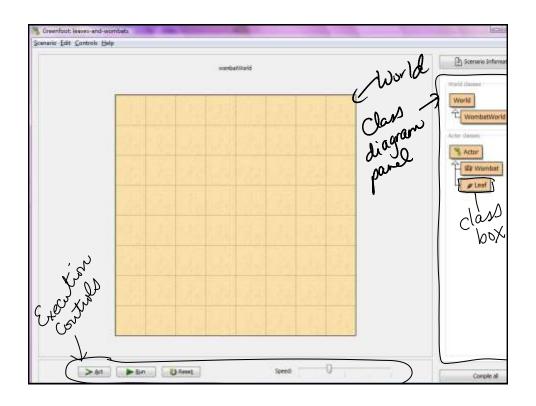
Called class boxes deach one represents a class

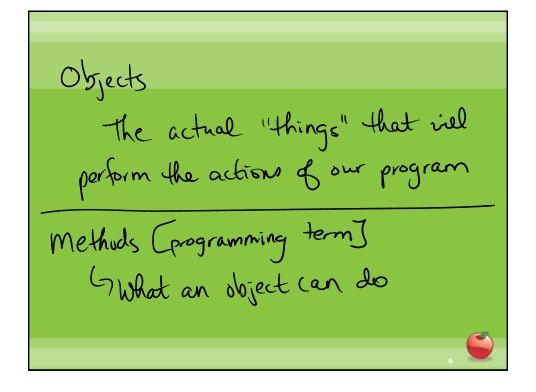
Class [programming term]

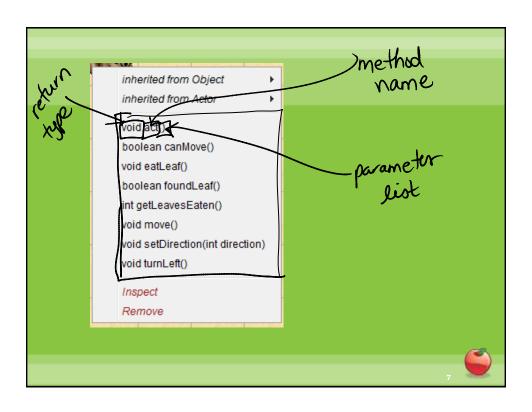
Class
- definition > of something

-description

-how a particular "thing" will
function







Selecting an objection from the list of methods "calls" or "invokes" the method. The action of the method is then performed.

Method:

return method parameter prior
type warne prior

Return type: the type of information that
gets returned after the method has
executed

* void -indicates that nothing is returned

* int- whole number returned

* boolean- true/false value returned

Method names
- Chosen by programmer
- Should reflect the actions of the method

Restrictions:

* first character of the name

must be a letter

* can not contain special characters

(characters other than letters or

digits)

-exception is underscore

a _ b

Parameter list - always enclosed by ()

-can log be empty

-if not empty, they contain

parameters

Sparameters are extra pieces of

information needed to perform

a task (method)

Methods Recap

- Three parts:
 - ☼ Return type type of information that is returned from a method call; void if nothing returned
 - Name the name given to the method by the programmer
 - Parameters information that is needed to perform the actions of the method; empty () if none needed
- Methods can have a return type, but no parameters; can have parameters, but no return type; can have no return type and no parameters; can have a return type and parameters

Class Diagram Parel:

(A)

11B intehents from A"

11B is a sobclass of A"

11A is the superclass of B"

indicates a relationship is called inheritance

If B inherits from A, then B inherits all the methods from A.

Therefore, B can do at least all of the things A can do. Typically, B can also do more things that A can not do.