

CS100J 30 September 2003

Drawing frames for method calls

This important lecture shows you a precise method for executing method calls by yourself. It is important for your understanding of methods and of programming that you can do it yourself. We'll give you an assignment on Thursday where you have to execute or evaluate method calls yourself, by hand. Read: Secs. 2.7, 3.5, and 4.6.

Quotes that relate to specifying a method before writing it.

A verbal contract isn't worth the paper it's written on.

What is not on paper has not been said.

If you don't know where you are going, any road will take you there.

If you fail to plan you are planning to fail.

ABOUT PRELIM I

Good job!

Average: 84.2. Standard deviation 9.4. 182 students.

A	95-99	12	*****
A	90-94	50	*****
B	85-89	43	*****
C	80-84	33	*****
C	75-79	14	*****
C	70-74	18	*****
D	65-69	04	**
F	60-64	02	*
F	40-59	06	

**Letter grades are
only
approximations!!**

ABOUT PRELIM I

Good job!

Problems:

A **parameter** is a variable that is declared within the parentheses of a method header.

An **argument** is an expression that appears within a method call.

A **local variable** is a method that is declared in a method body. Its **scope** is the sequence of statements (in the block in which it is declared) that follow it.

ABOUT PRELIM I

Good job!

Problems:

Animal x; Lion y;

Lion is a subclass of Animal.

y = (Lion) x;