

Homework

Visit course website, click on Resources and then on Code Style Guidelines. Study

4.2 Keep methods short

4.3 Use statement-comments ...

4.4 Use returns to simplify method structure

4.6 Declare local variables close to first use ...

Assignment 1

Due on September 6 (tomorrow!).

Form a group before submitting (or lose points). One partner has to invite the other on CMS, and the other has to accept.

Finish early!

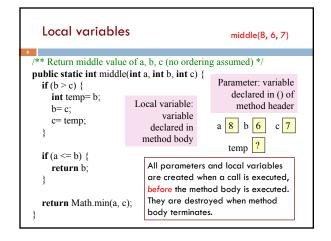
References to JavaHyperText

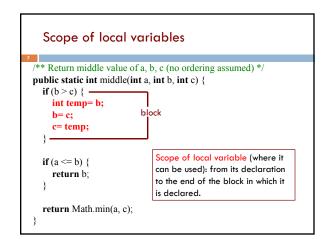
local variable

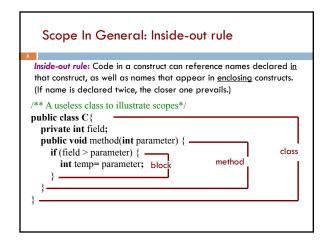
scope

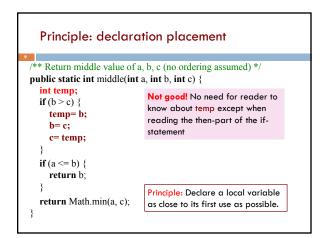
this

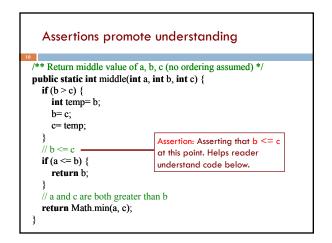
- shadowing a variable
- inside-out rule
- super
- constructor; constructor call; constructor, default; constructor call, default

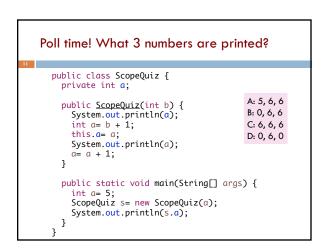


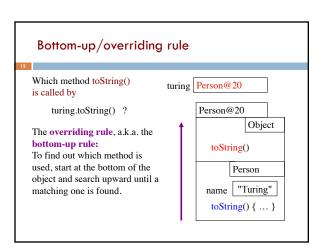


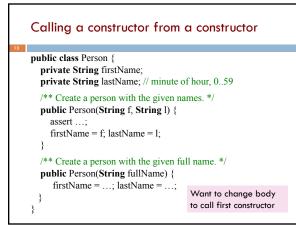


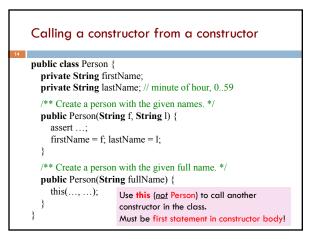


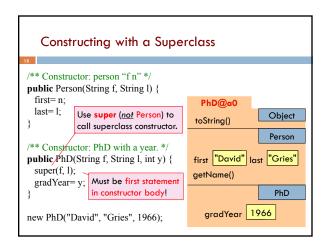


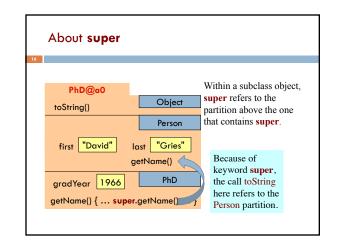


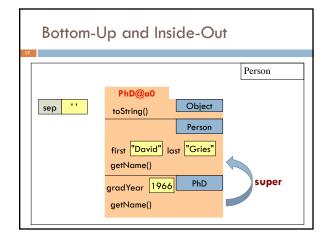












Without OO	
Without OO, you would write a long involved method:	
<pre>public double getName(Person p) {</pre>	
if (p is a PhD) { }	OO eliminates need for many of these long, convoluted methods,
else if (p is a GradStudent)	which are hard to maintain.
{}	Instead, each subclass has its own
else if (p prefers anonymity)	getName.
{ }	Results in many overriding
else	method implementations, each of
}	which is usually very short