



Java OO (Object Orientation)

Python and Matlab have objects and classes.

Strong-typing nature of Java changes how OO is done and how useful it is. Put aside your previous experience with OO (if any). This lecture:

First: describe objects, demoing their creation and use.

Second: Show you a class definition and how it defines functions, and procedures that appear in each object of the class.

Third (if there is time). Show you a Java application, a class with a "static" procedure with a certain parameter.



Java OO	
References to course text and JavaSummary.pptx	
Objects: B.1 slide 10-16 Calling methods: B.2-B.3 slide 18 Class definition: B.5 slide 11 public, private: B.5 slide 11, 12 Indirect reference, aliasing: B.6 slide	Text mentions fields of an object. We cover these in next lecture
Method declarations: B.7 Parameter vs argument: B.12-B.14 slide 14	Text uses value-producing method for function and void method for procedure.
Methods may have parameters Method calls may have arguments	Get used to terminology: function and procedure



























