Note Tit	S150 - Classes (Ch.6)	2/17/2012
	Announcements - HW is due Tuesday (not Manday)	
	- Next Friday -in class review	
	- Following Monday is midtern 1 up through Ch. 52	

No jects We've seen many objects. Each is a "container" for some kind of date, and comes paired with a set of operations, called methods. Examples: Sort, reverse, [], [:],... Strings: [:], in, index,... mylist. sort()

Today we'll start our first class. We have into a floats, but in 2-dimensional geometry, a point 15 a pair of numbers: (xy (3,2)norm - pl +p2 - scale / + 42) / + 1/2

myList Point class: Syntax

Class Point: # constructor (self): code for constructor builds a point) det set X (self, value):

What is the input parameter self? k at how we'll use this: () to calling constructor = Point() = Point() Se _ . set p3 = p1+p2

Basic point class

Let's code a basic point class.

Methods:

-constructor

-aet X, set X

-det Y, set Y

Once we get these working, we'll extend to add, scale, etc.