











Point objects w/ method	
• Each Point object has its own copy of the draw method, which operates on that object's state: p1	
<pre>Point pl = new Point(); pl.x = 7; pl.y = 2;</pre>	
<pre>Point p2 = new Point(); p2.x = 4; p2.y = 3;</pre>	x 7 y 2 public void draw(Graphics g) { // this code can see pl's x and y }
p1.draw(g); p2.draw(g); $p2 \longrightarrow$	x 4 y 3 public void draw(Graphics g) (// this code can see p2's x and y }
Convright 2010 by Pearson Education	7

















Initializing objects

• Currently it takes 3 lines to create a Point and initialize it: Point p = new Point(); p.x = 3; p.y = 8; // tedious

- We'd rather specify the fields' initial values at the start: Point p = new Point(3, 8); // better!
- We are able to this with most types of objects in Java.











22