

3.1 Introduction	2
• Applet	
<ul> <li>Program that runs in</li> </ul>	
• appletviewer (test utility for applets)	
• Web browser (IE, Communicator)	
<ul> <li>Executes when HTML (Hypertext Markup Language) document containing applet is opened</li> </ul>	
- Applications run in command windows	
• Notes	
- Mimic several features of Chapter 2 to reinforce them	
<ul> <li>Focus on fundamental programming concepts first</li> </ul>	
• Some specific details will not be explained	
Explanations will come later	
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•	Object orientation (continued)
	– Inheritance
	<ul> <li>New classes of objects absorb characteristics of existing classes</li> </ul>
	<ul> <li>Information hiding</li> </ul>
	<ul> <li>Objects usually do not know how other objects are implemented</li> </ul>
	• We can drive cars without knowing how every part works internally
٠	Abstraction
	- View the big picture
	• See a photograph rather than a group of colored dots
	• Think in terms of houses, not bricks



























## 18 A Simple Java Applet: Drawing a 3.4 **String** <html> <applet code="WelcomeApplet.class" width=300 height=30> 3 </applet> 4 </html> – Simple HTML file (WelcomeApplet.html) • Usually in same directory as .class file • Remember, .class file created after compilation - HTML codes (tags) • Usually come in pairs • Begin with < and end with > - Lines 1 and 4 - begin and end the HTML tags – Line 2 - begins <applet> tag • Specifies code to use for applet • Specifies width and height of display area in pixels - Line 3 - ends **<applet>** tag © 2000 Prentice Hall, Inc. All rights reserved.









