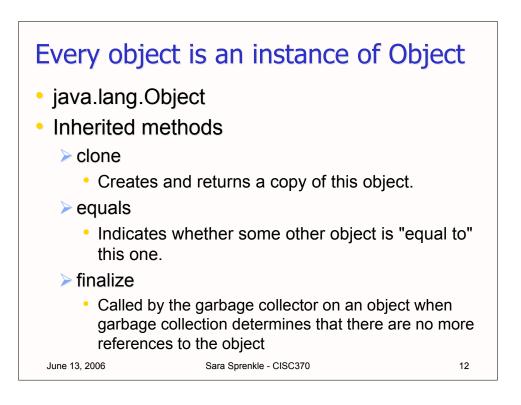
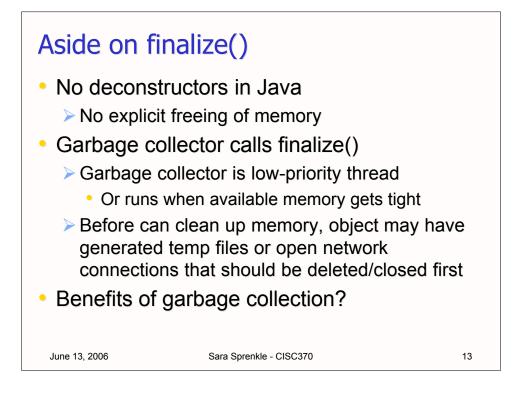


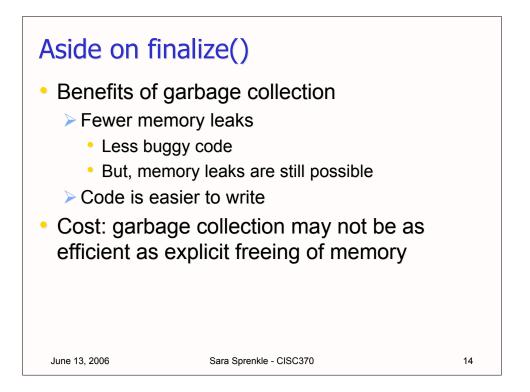
## Description of the second second

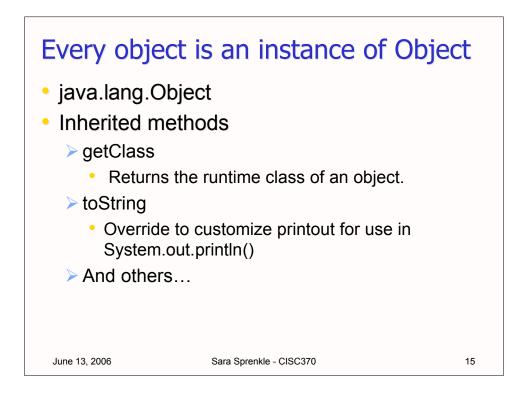
## **Overriding Methods in Superclass**

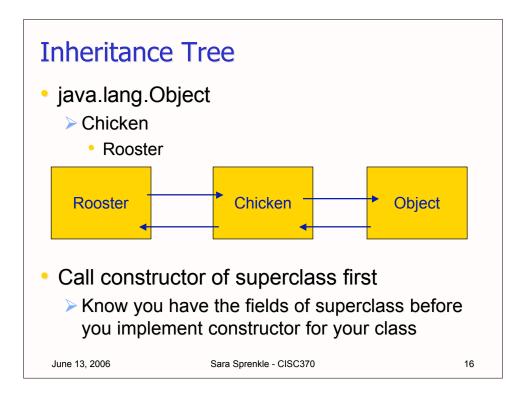
```
public class Rooster extends Chicken {
    ...
    // new functionality
    public void crow() {... }
    // overrides superclass; greater gains
    public void feed() {
        // make it relative to Chicken
        super.feed();
        super.feed();
    }
}
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```

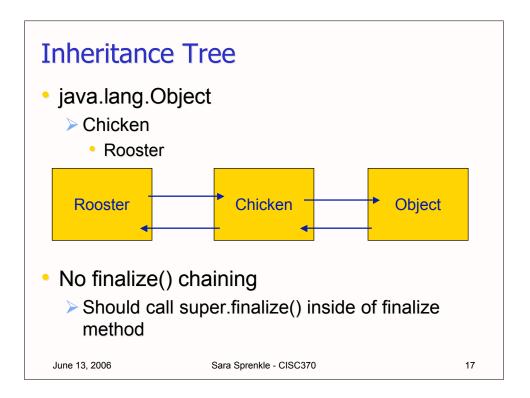


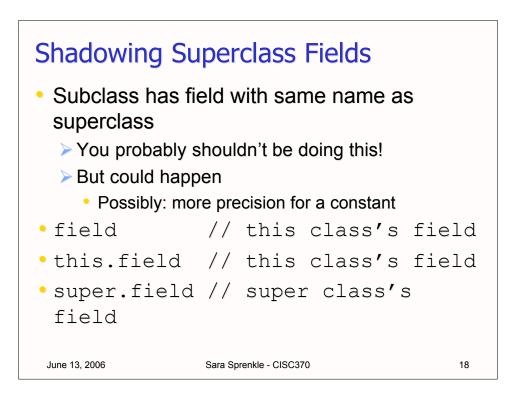


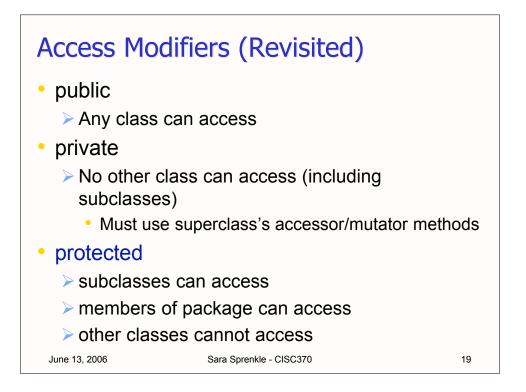


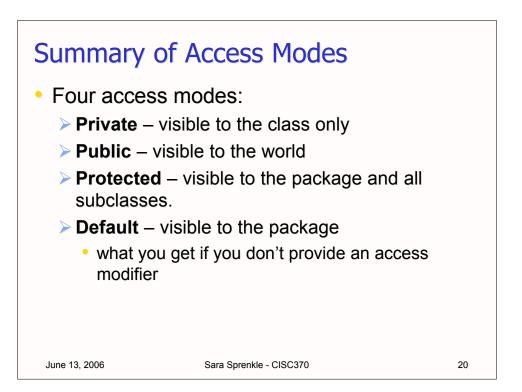




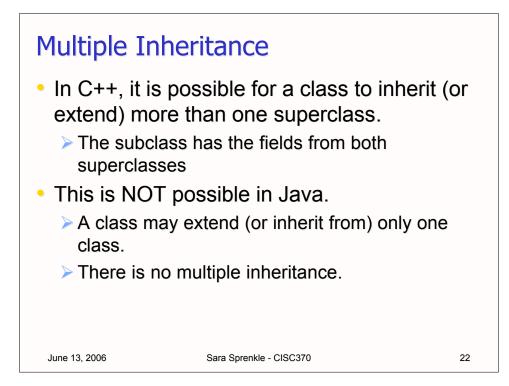


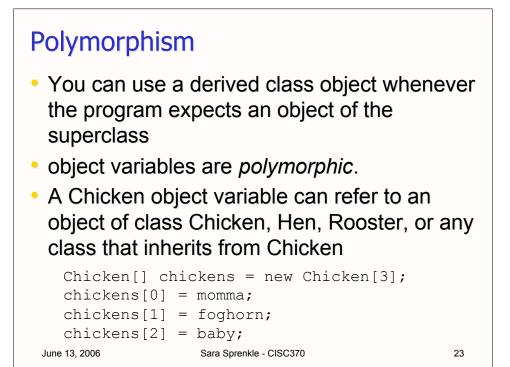


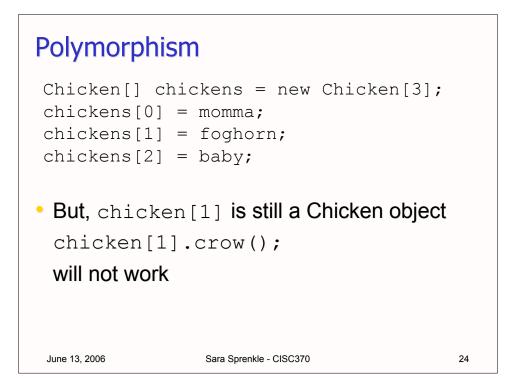


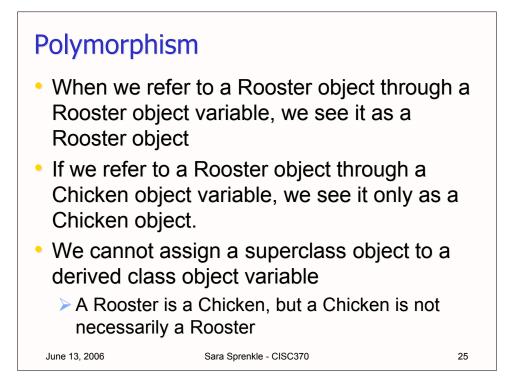


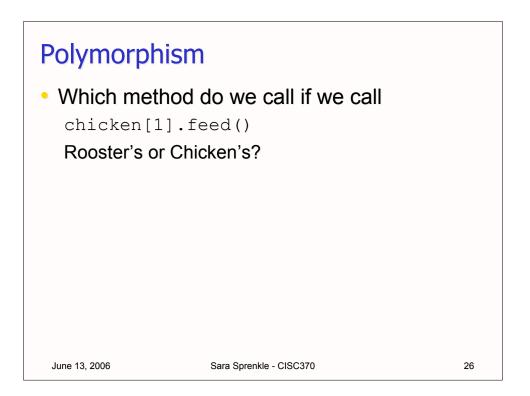
Member V	/isibilit	У		
Accessible to	Member Visibility			
	Public	Protected	Package	Private
Defining Class	Yes	Yes	Yes	Yes
Class in same package	Yes	Yes	Yes	No
Subclass in different package	Yes	Yes	No	No
Non-subclass different package	Yes	No	No	No
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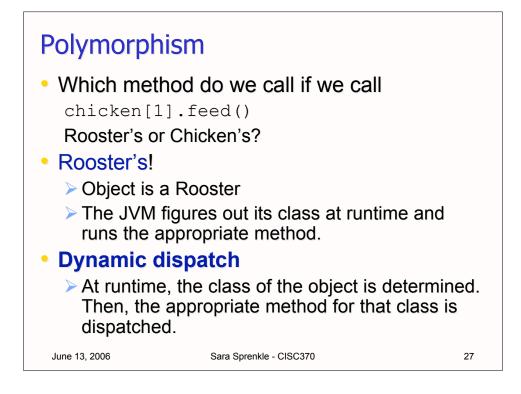


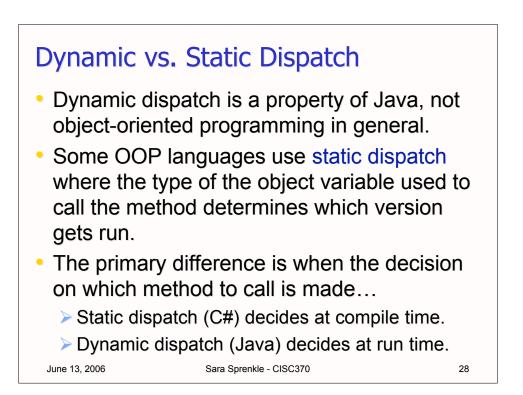


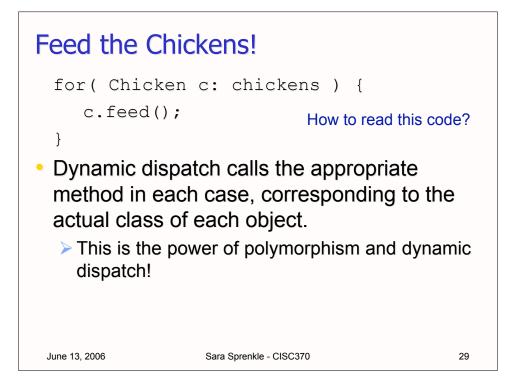


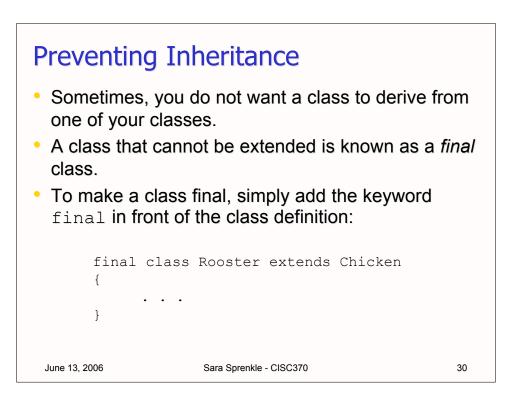


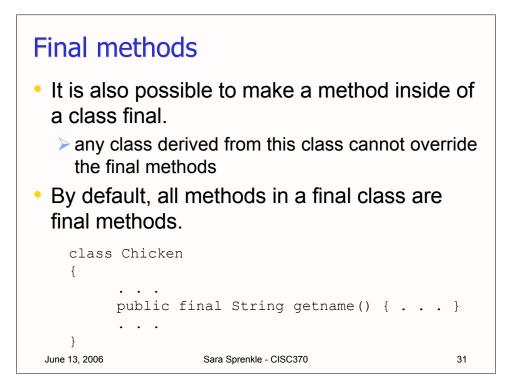


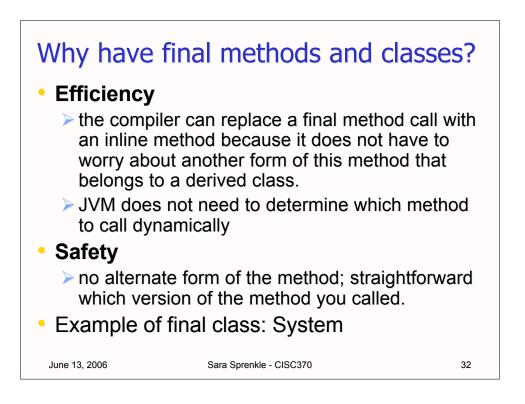


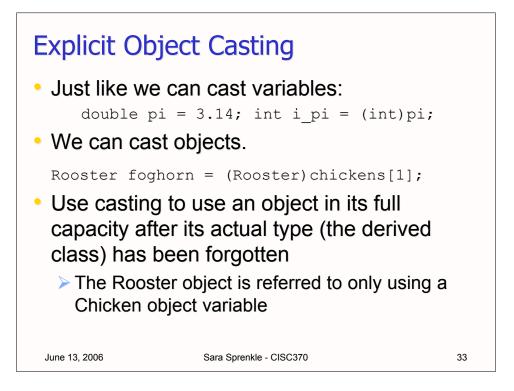




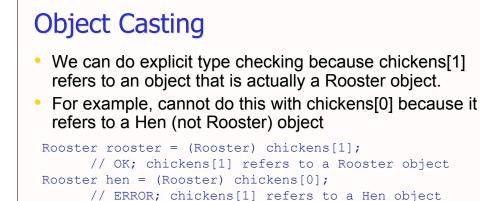












- We are "promising" the compiler that chickens[1] really refers to a Rooster object, although it is an object variable to a Chicken object.
- If this is not the case, generates an exception.
  - More about exceptions later.

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