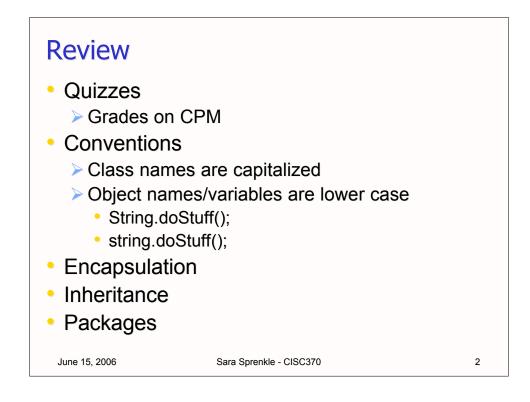
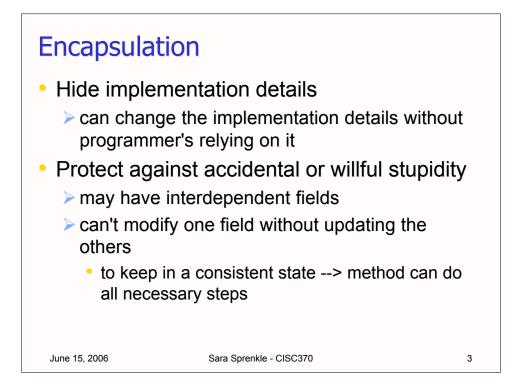
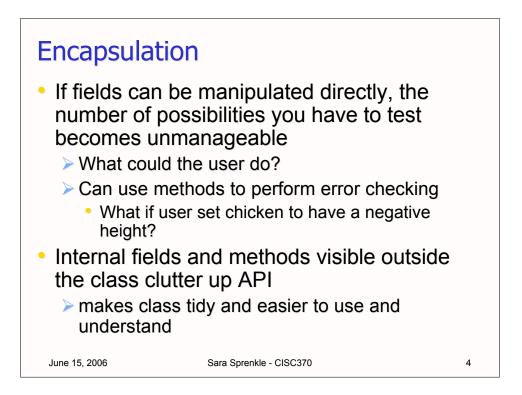
## CISC 370: Inheritance, Abstract Classes, Exceptions

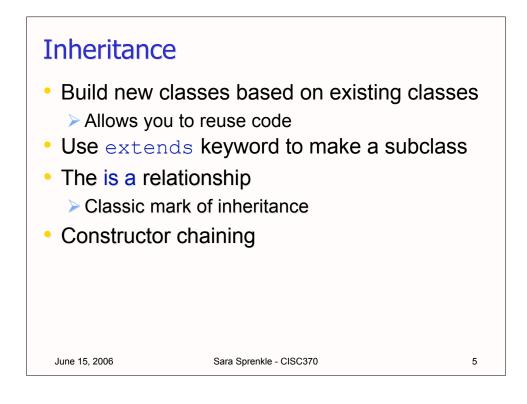
June 15, 2006

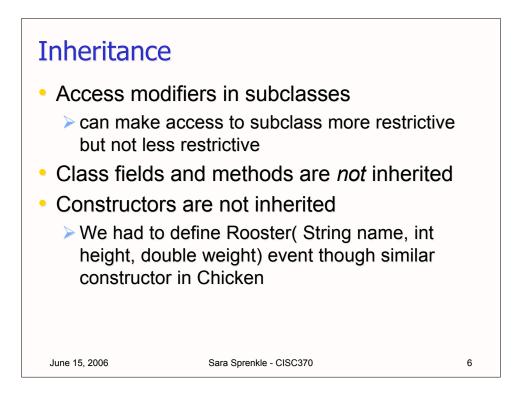
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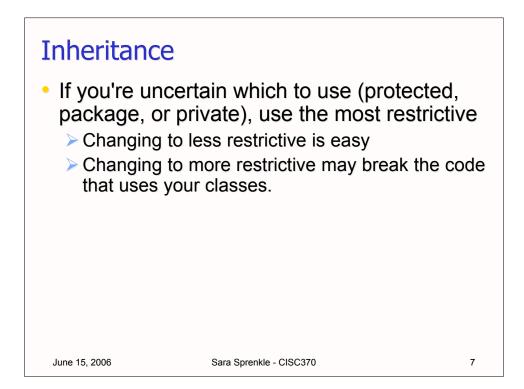




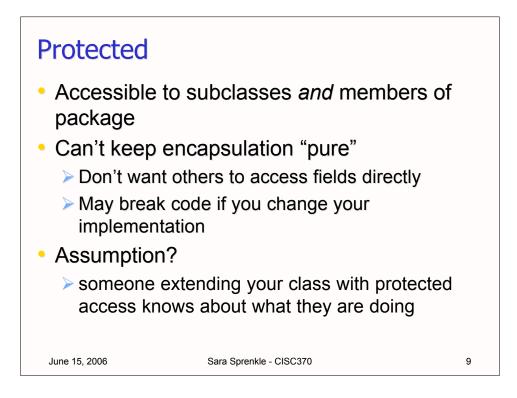


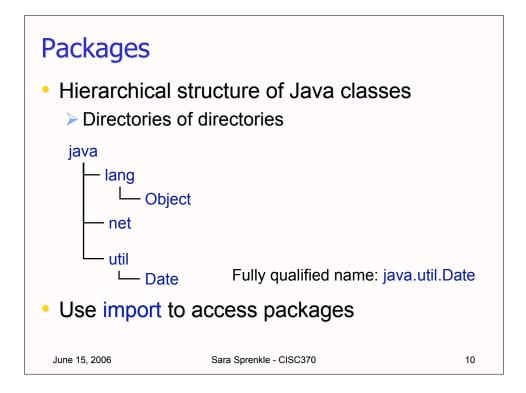


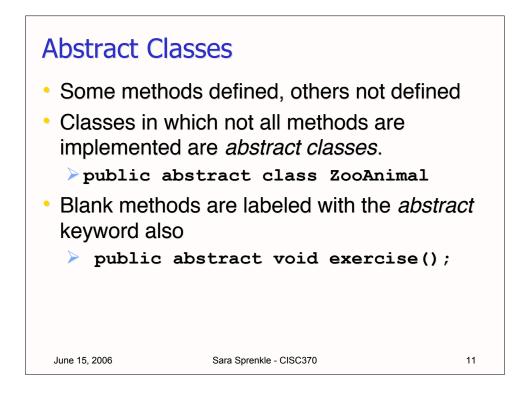


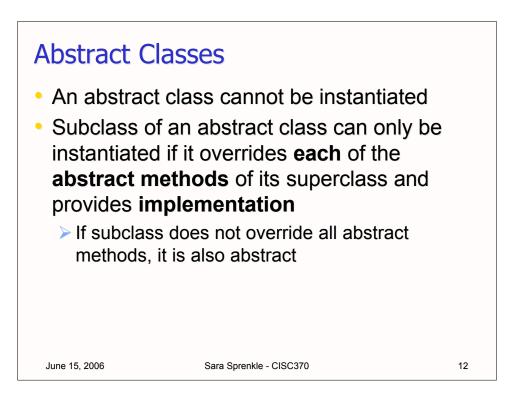


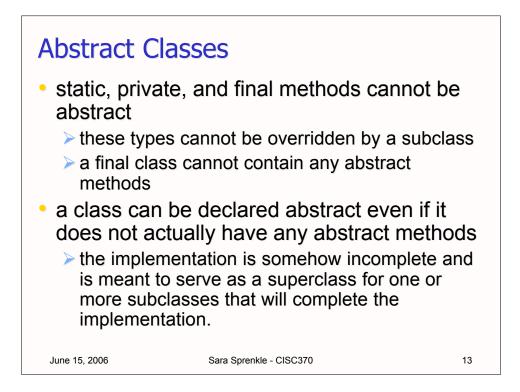
Member \	ווומצוי	.y		
Accessible to	Member Visibility			
	Public	Protected	Package	Private
Defining Class	Yes	Yes	Yes	Yes
Class in same package	Yes	Yes	Yes	No
Subclass in different package	Yes	Yes	No	No
Non-subclass different package	Yes	No	No	No

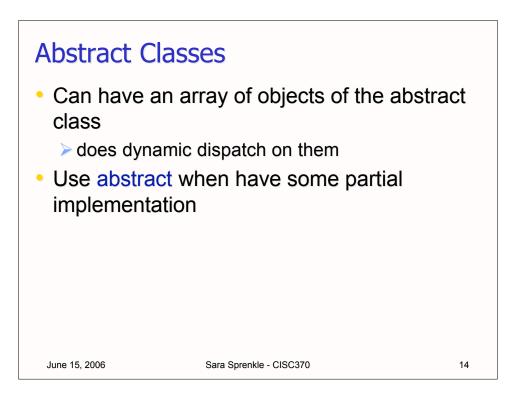


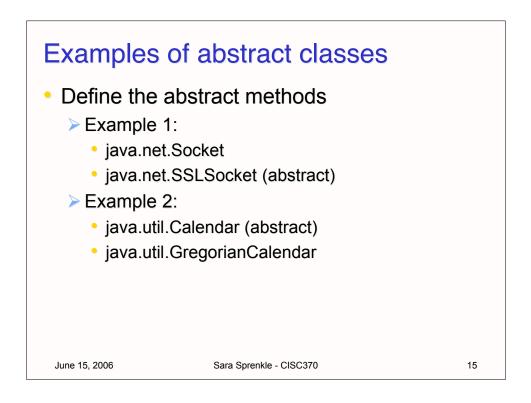


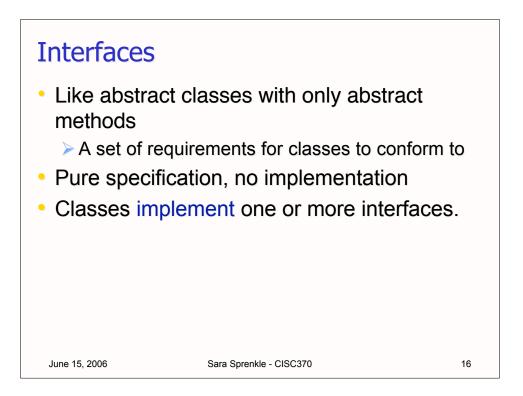


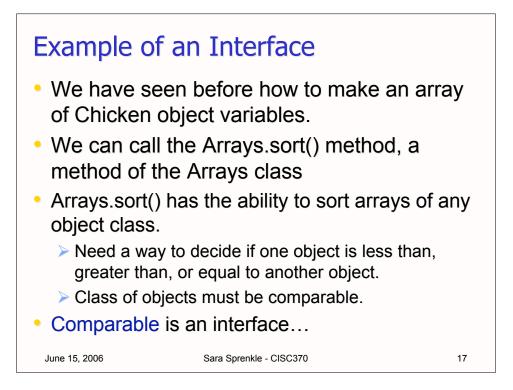


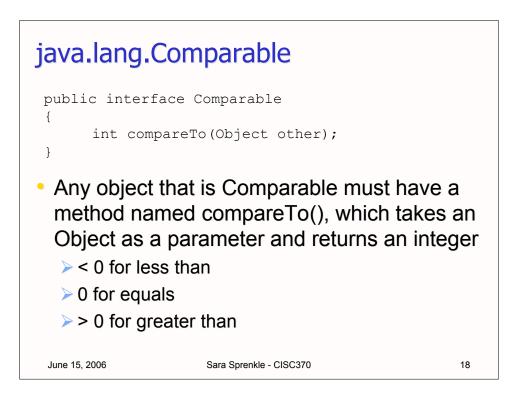


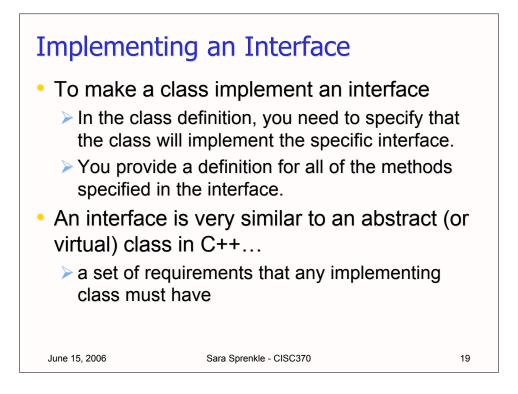


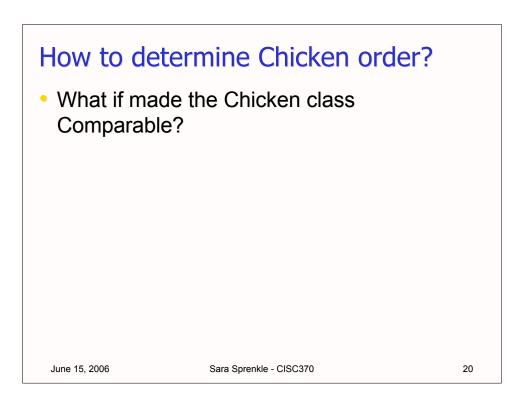




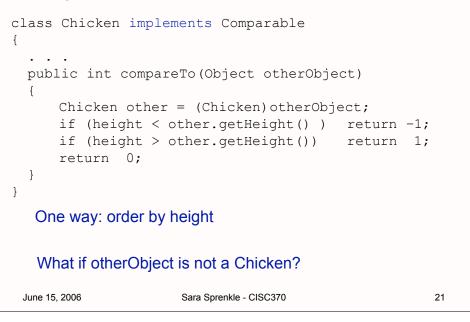




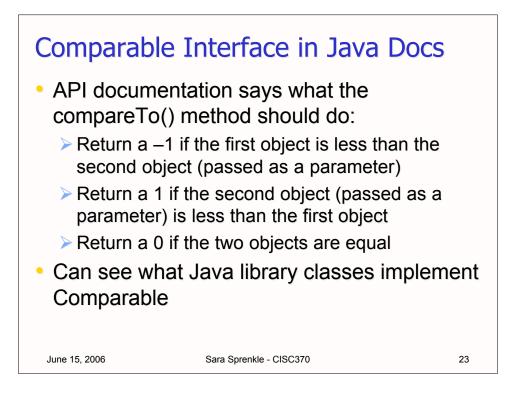


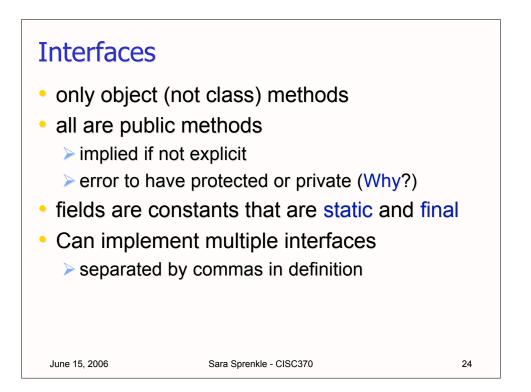


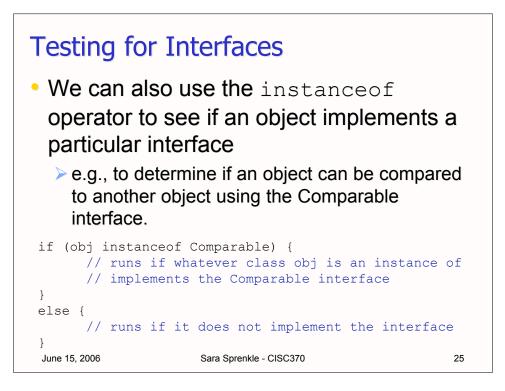
## **Comparable Chickens**

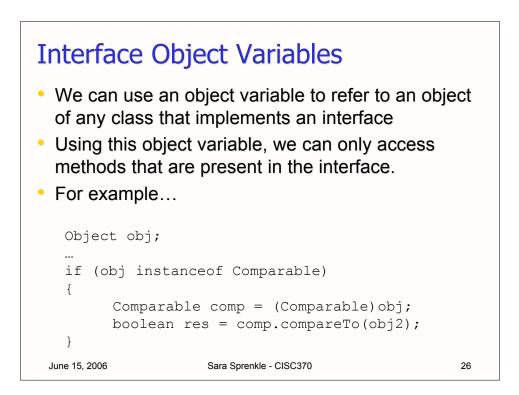


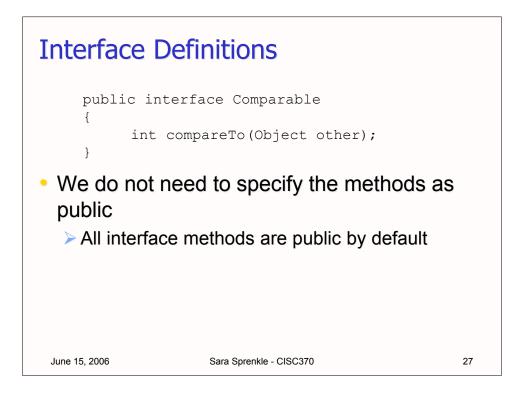
## **Comparable Chickens** class Chicken implements Comparable { . . . public int compareTo(Object otherObject) { Chicken other = (Chicken)otherObject; if (height < other.getHeight() ) return -1;</pre> if (height > other.getHeight()) return 1; if( weight < other.getWeight()) return -1;</pre> if (weight > other.getWeight()) return 1; return 0; } } Order by height, then weight Could have more conditions for "breaking ties" --> comparing names June 15, 2006 Sara Sprenkle - CISC370 22

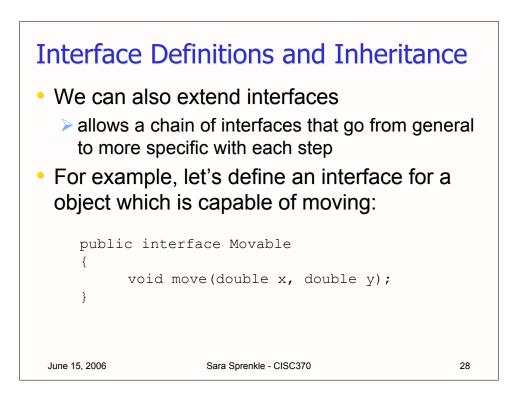


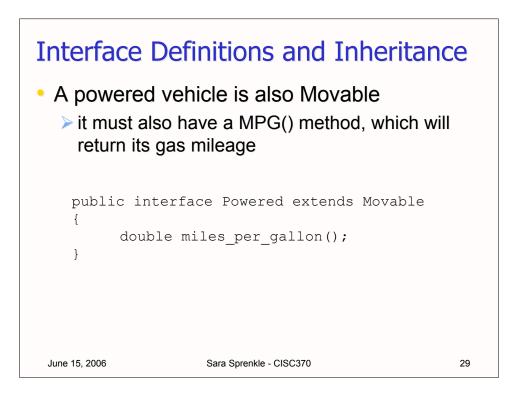


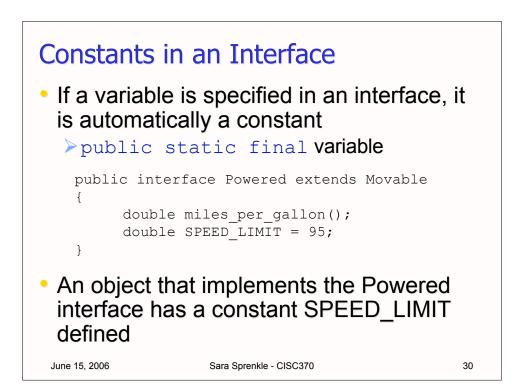


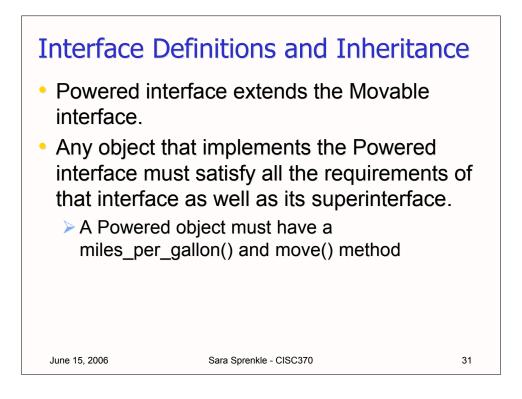


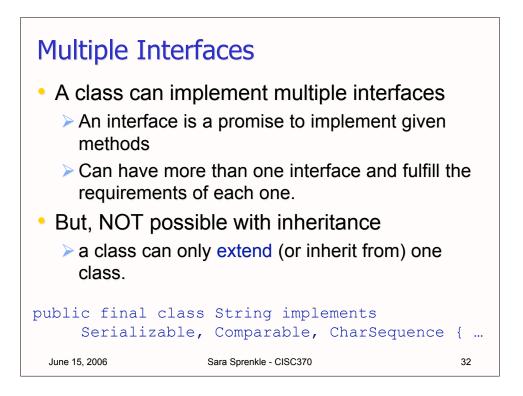


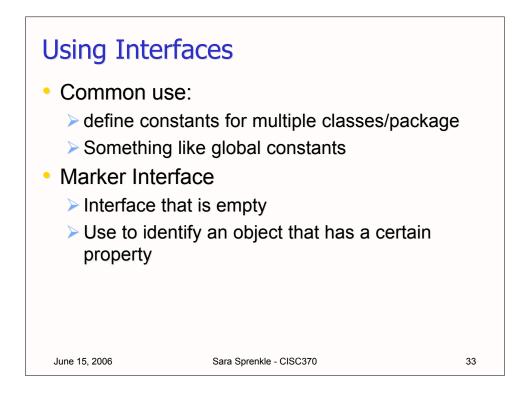


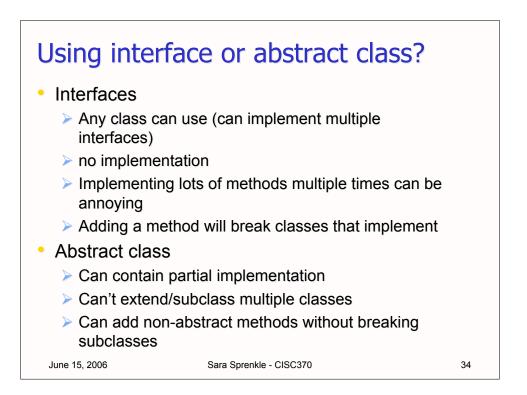


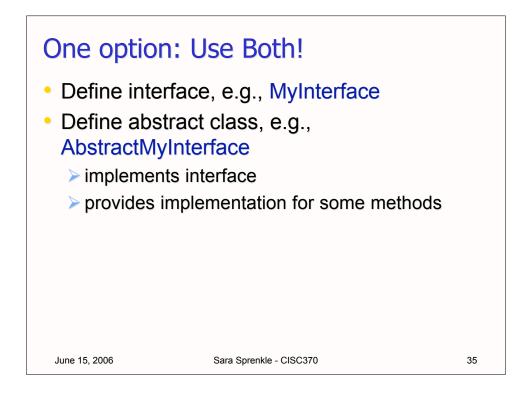




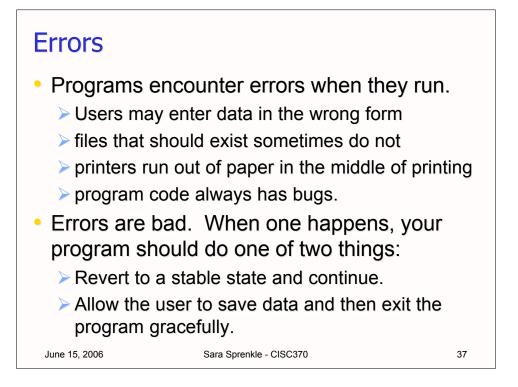


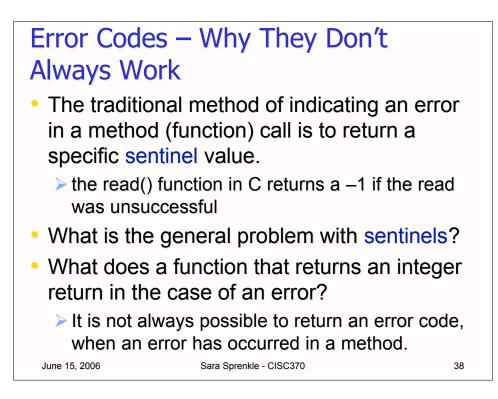


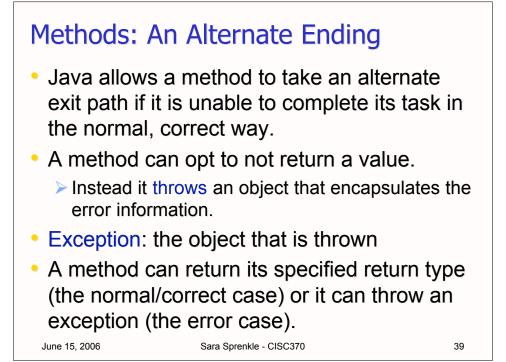


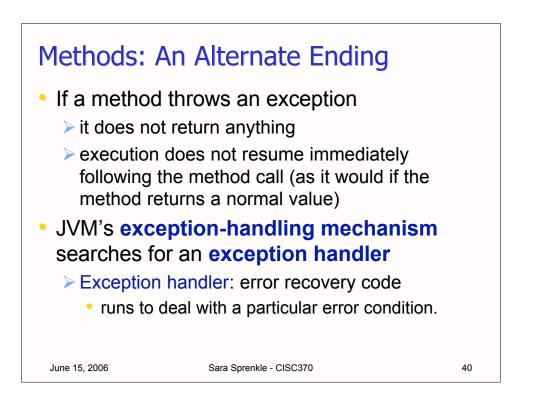


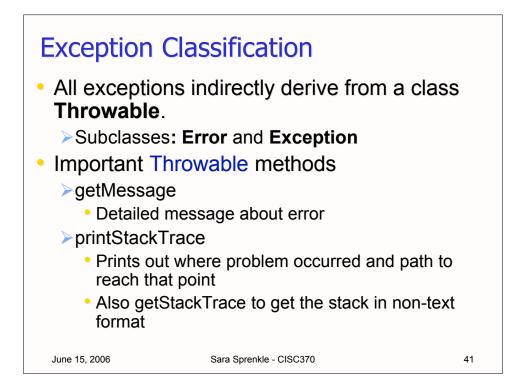


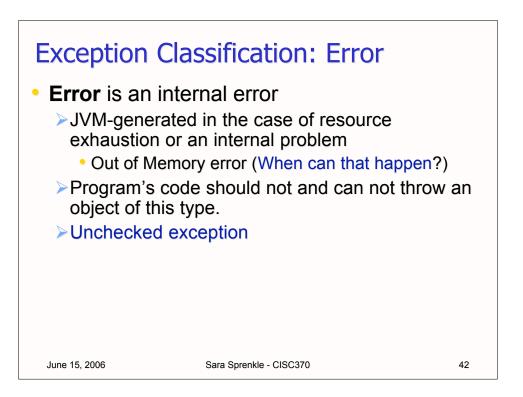


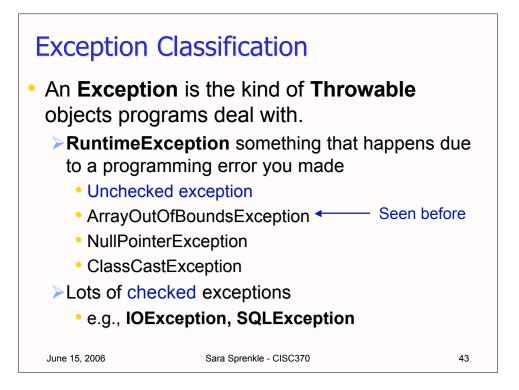


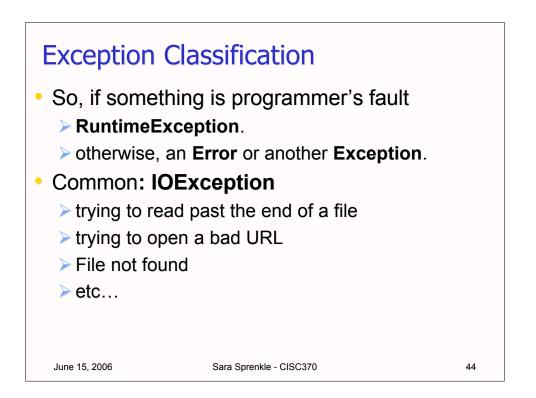


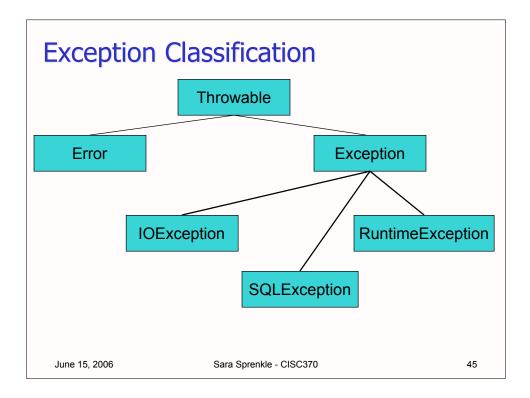


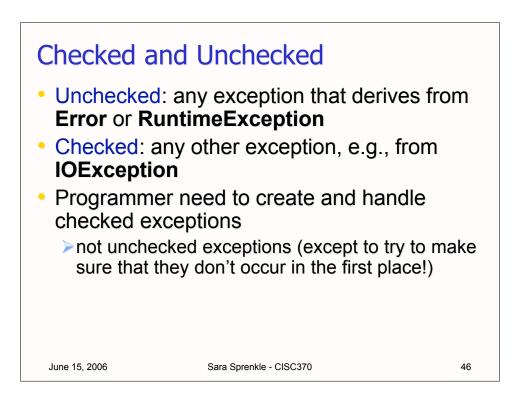


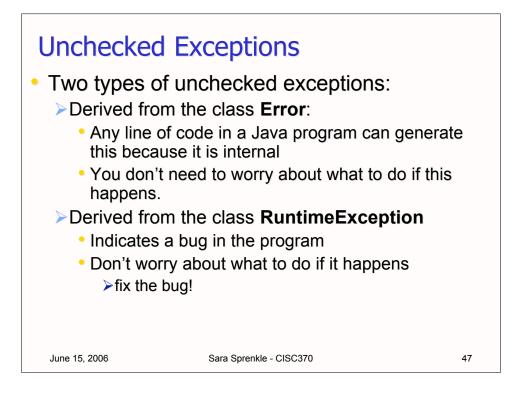


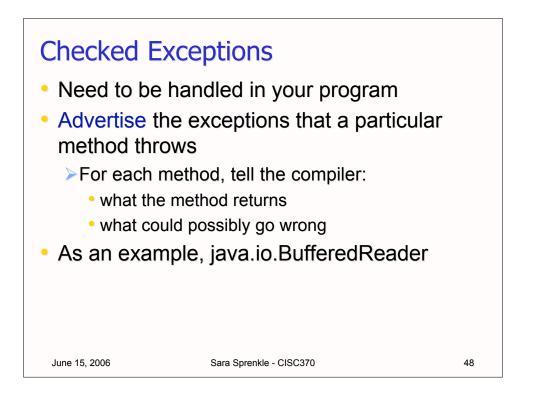


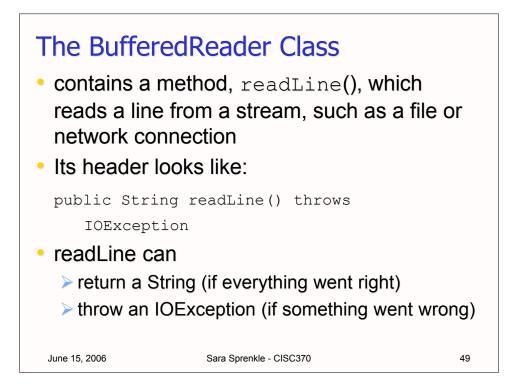


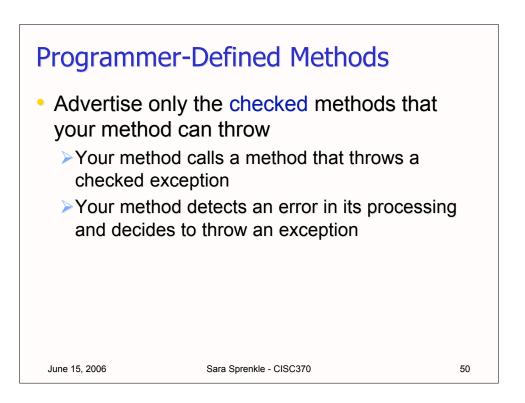


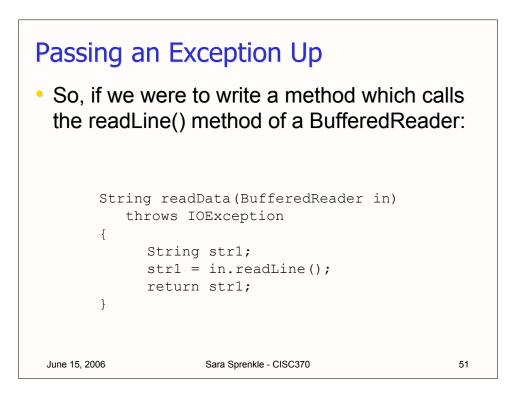


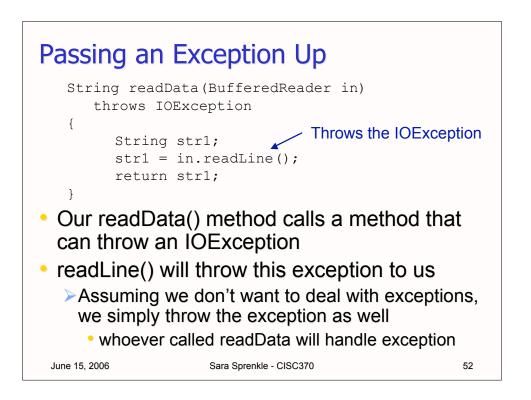


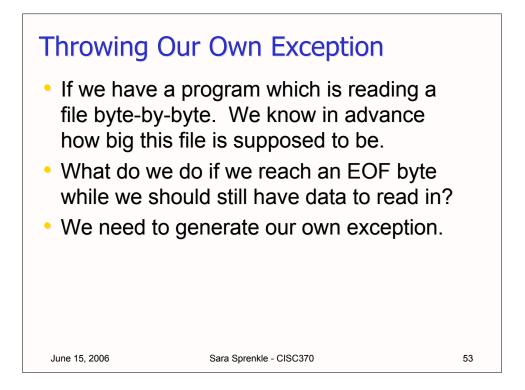


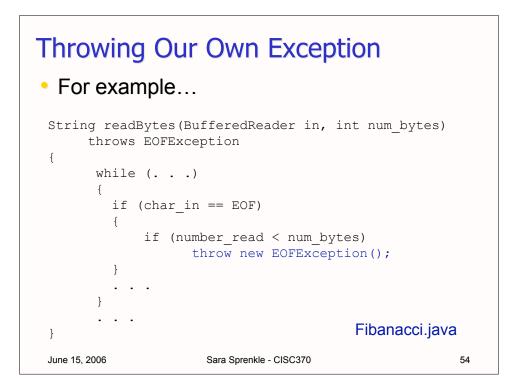


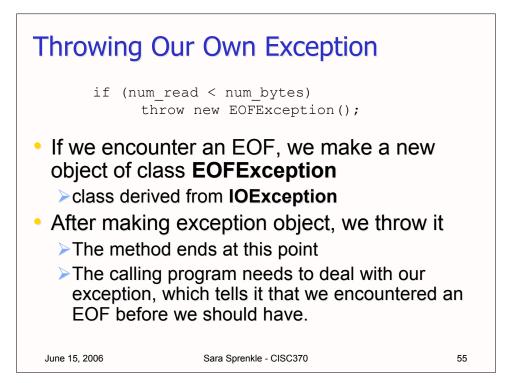


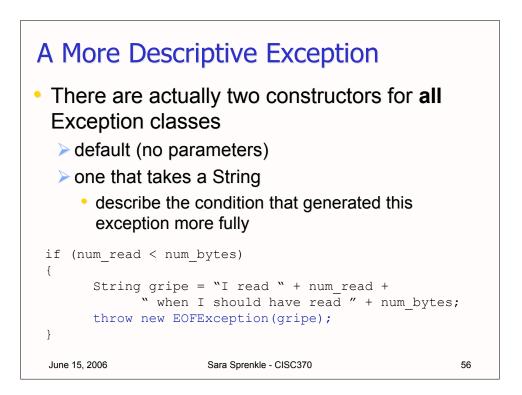


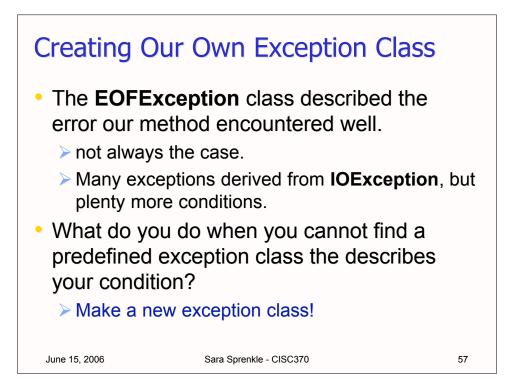


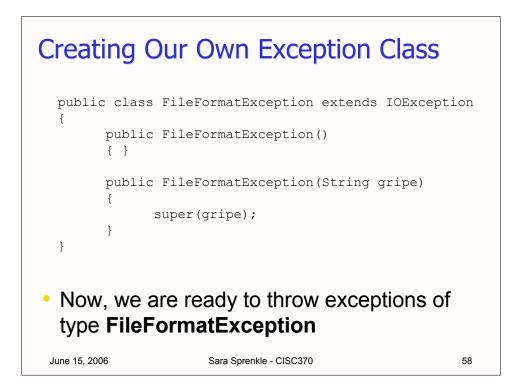


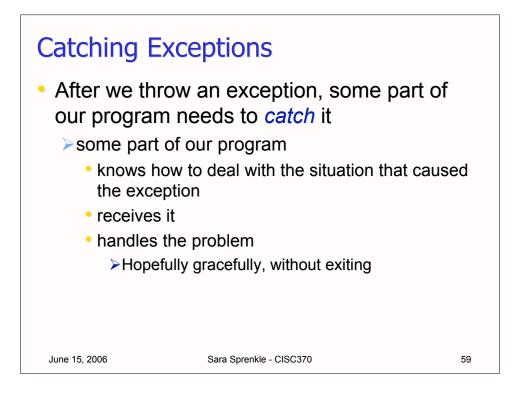


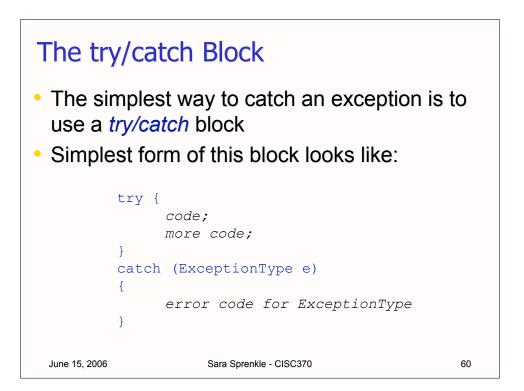


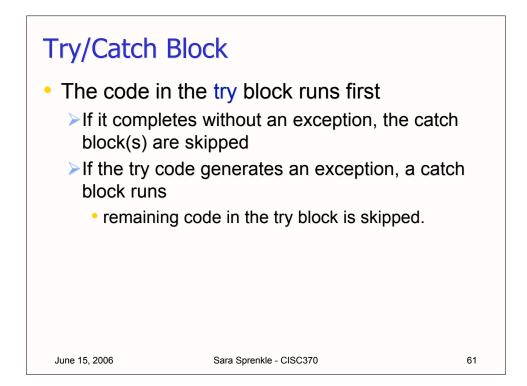


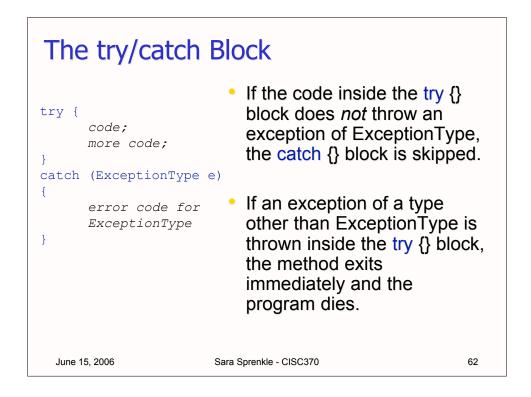


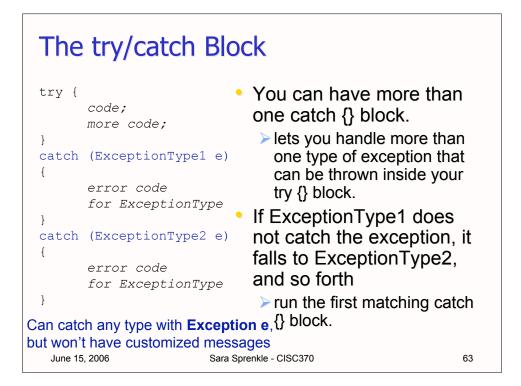


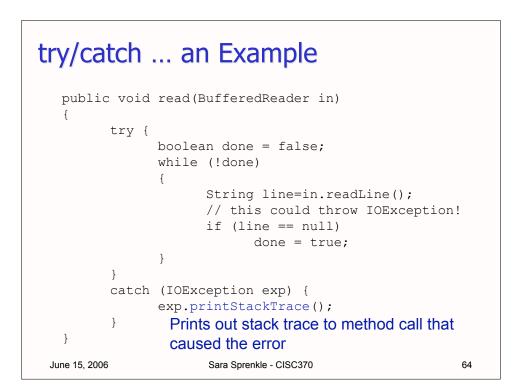












try/catch ... an Example

```
public void read(BufferedReader in)
 {
        boolean done = false;
        while (!done)
        {
               try {
                     String line=in.readLine();
                     // this could throw IOException!
                     if (line == null)
                            done = true;
               }
               catch (IOException exp) {
                     exp.printStackTrace();
        }
 }
          More precise try/catch may help pinpoint error
          But could result in messier code
June 15, 2006
                      Sara Sprenkle - CISC370
                                                          65
```

