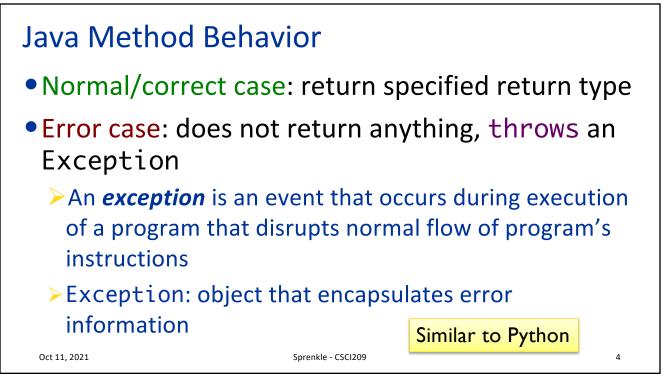
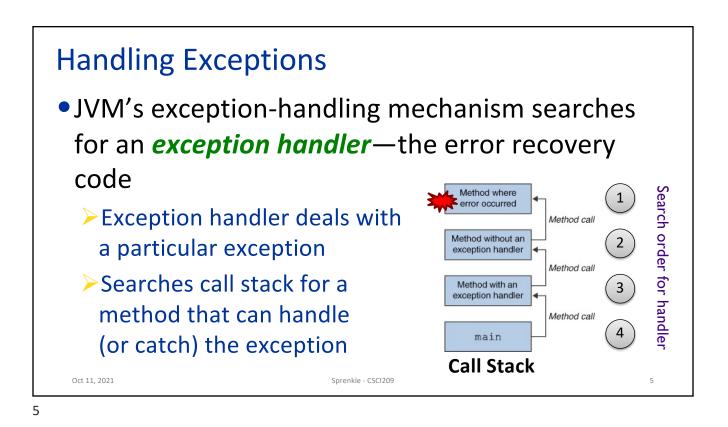
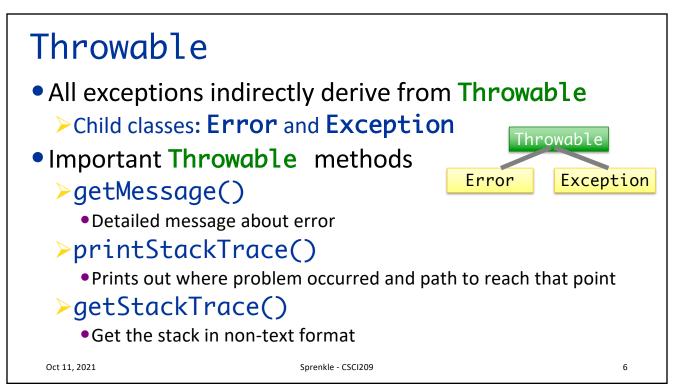
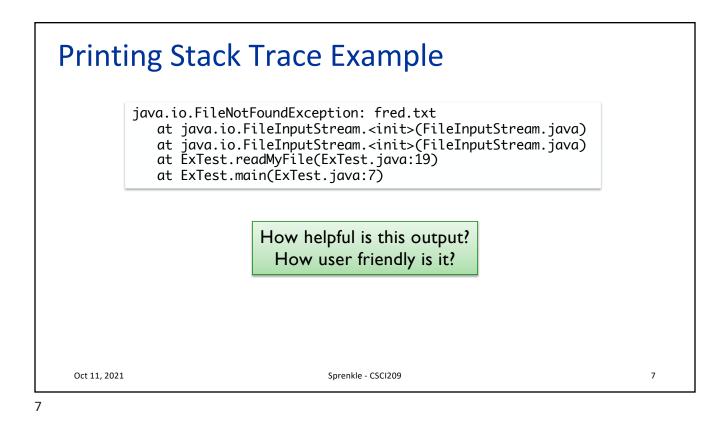


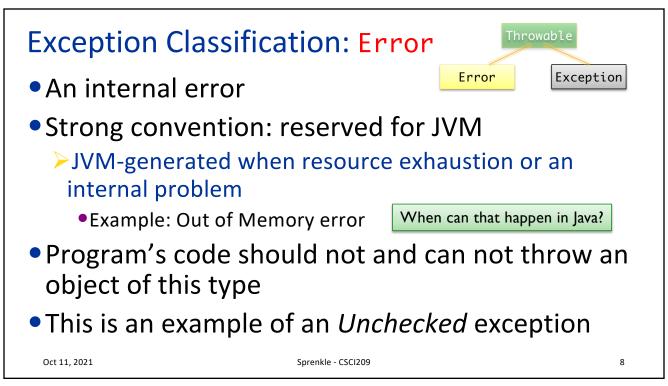
Errors			
 Users may enter data File may not exist Program code has bu When an error occur 			
two things: Revert to a stable state and continue			
	e data and then exit the program		
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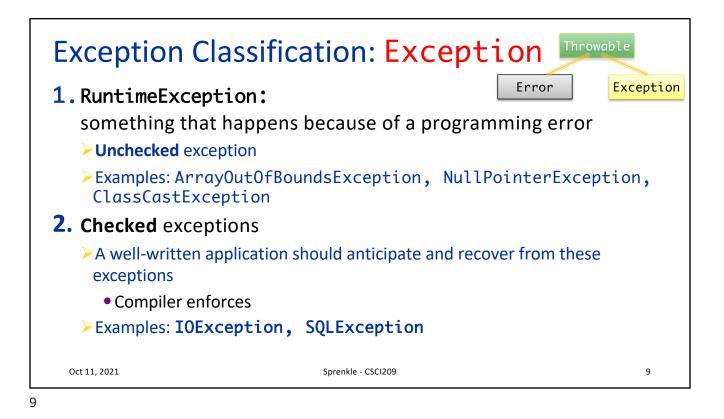


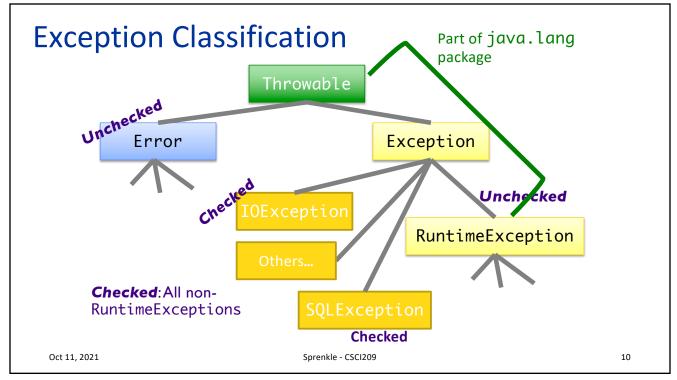


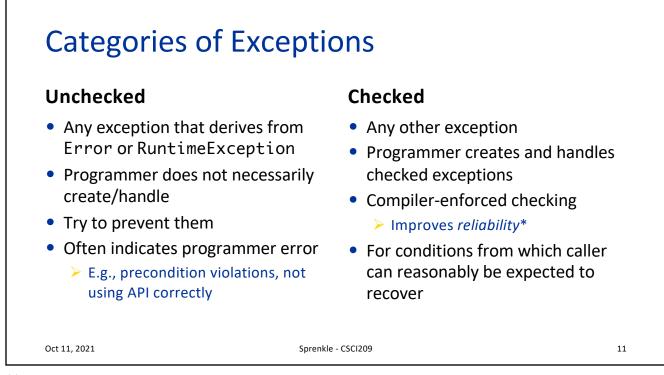




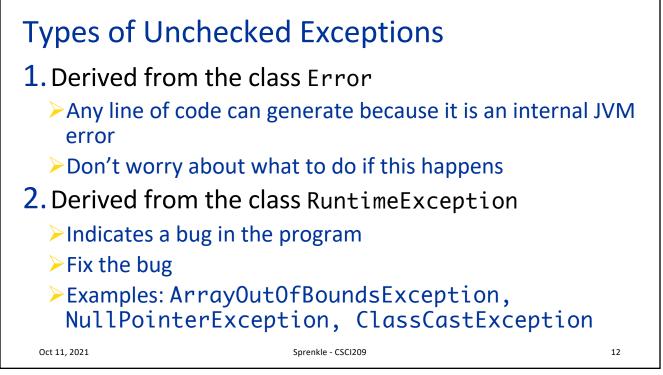






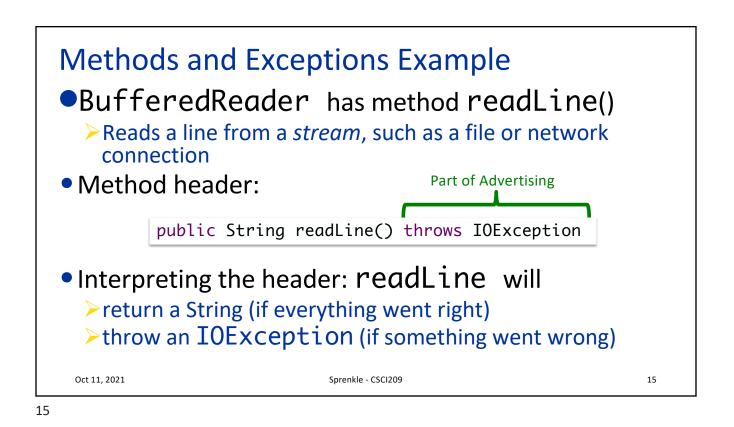


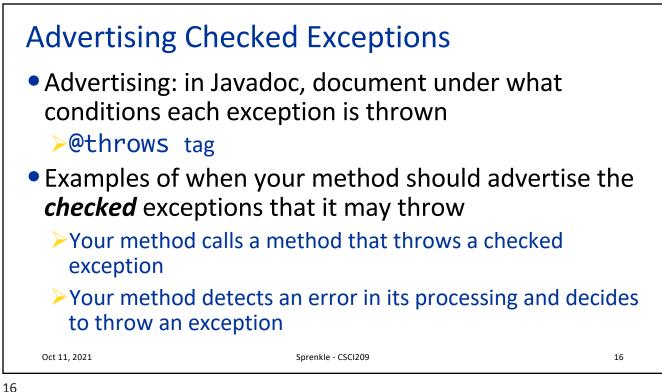


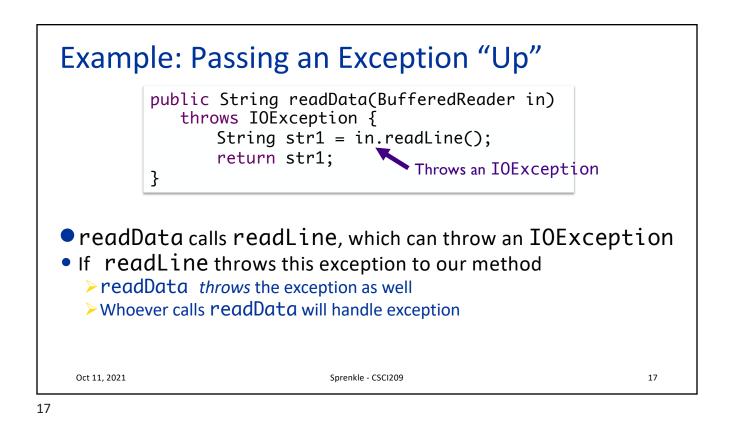


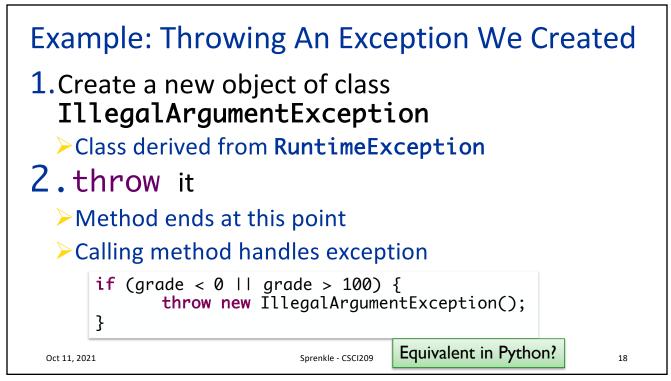
Checked E	xceptions		
Need to be handled by your program			
>Compiler-			
> Improves	reliability*		
• For each method, tell the compiler:			
➤What the	method returns		
What could be a could be could be could be a could be a could be a could be a could b	ld possibly go wrong		
 Advertise 	the exceptions that a method throws		
•	ers of your interface know what method does and lea tide how to handle exceptions	ts	
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13			

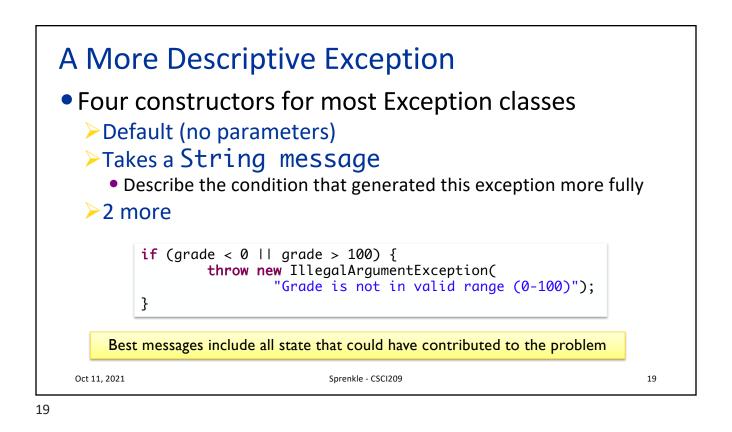
THROWING EXCEPTIONS



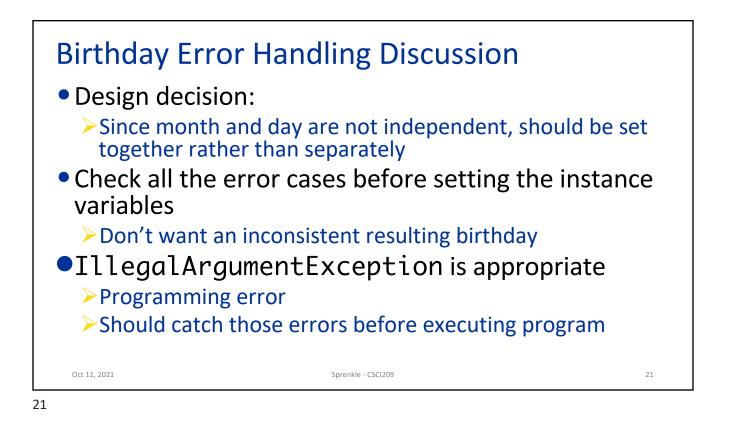


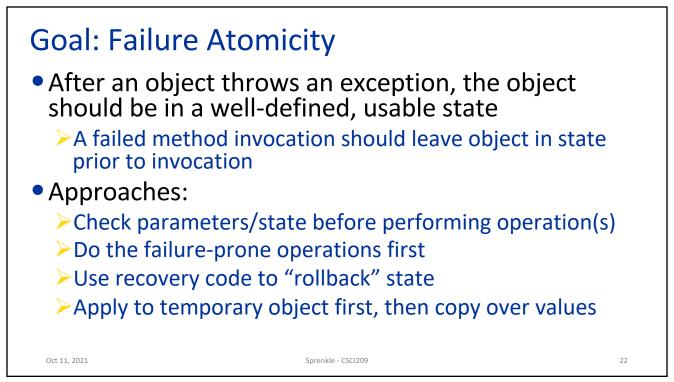


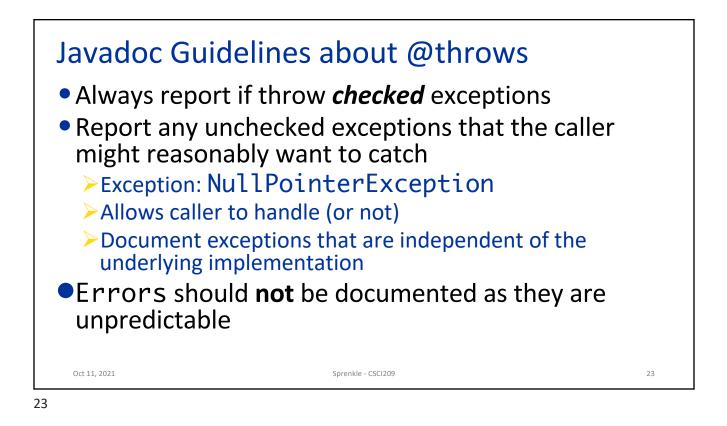


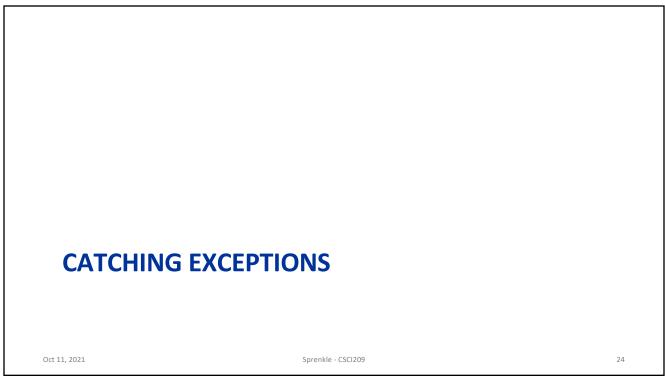


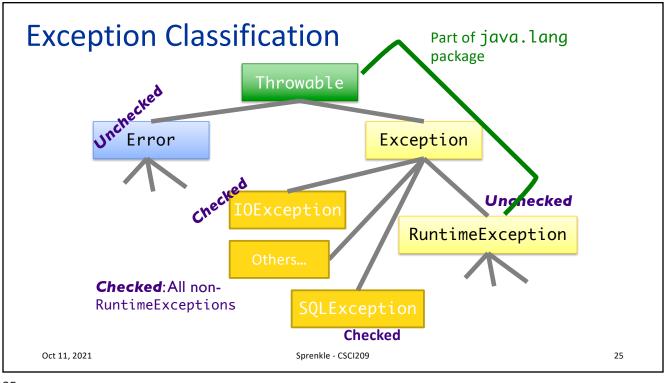
Common Exception Classes Name Purpose IllegalArgumentException When caller passes in inappropriate argument IllegalStateException Invocation is illegal because of receiving object's state. (Ex: closing a closed window) Both inherit from RuntimeException May seem like these cover everything but only used for certain kinds of illegal arguments and exceptions Not used when A null argument passed in; should be a NullPointerException Pass in invalid index for an array; should be an IndexOutOfBoundsException Oct 11, 2021 Sprenkle - CSCI209 20

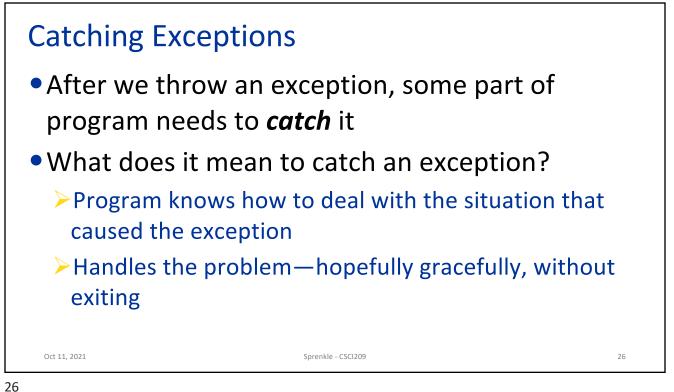


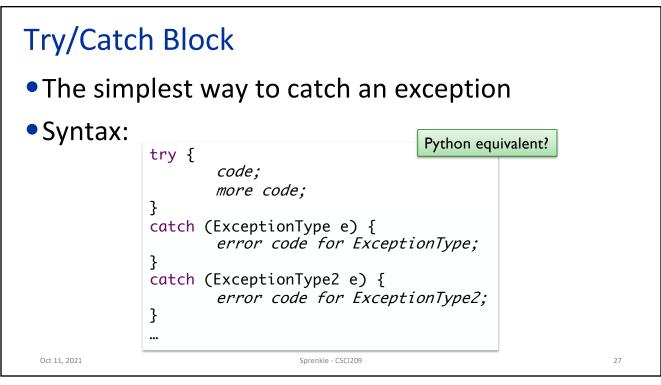


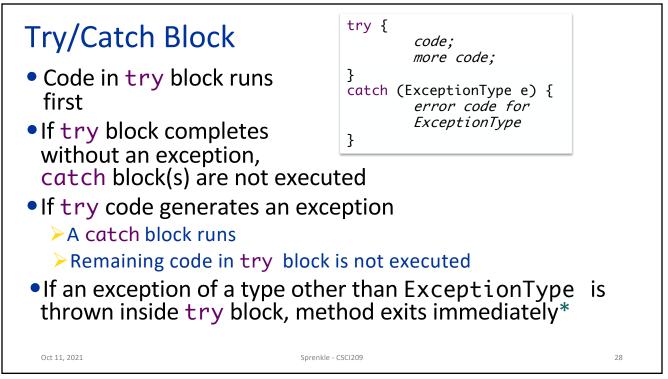


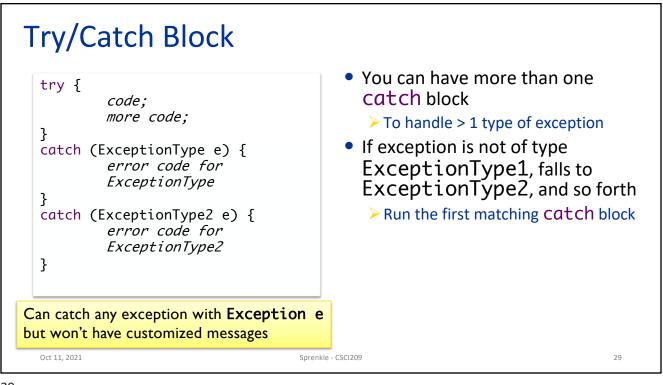




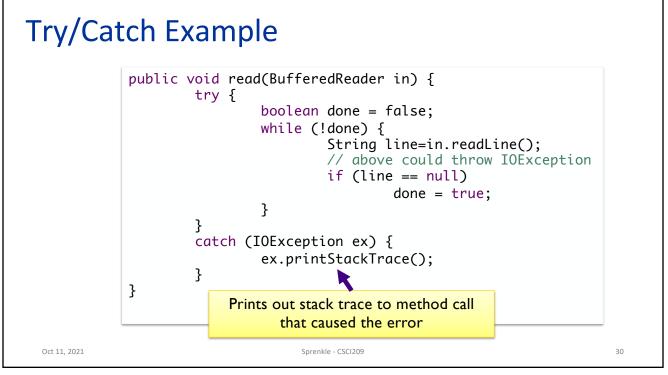


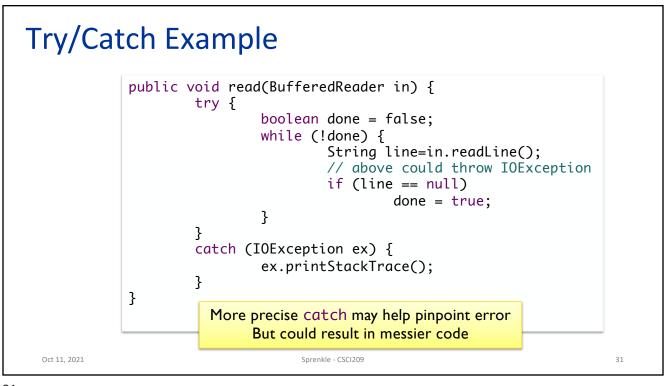


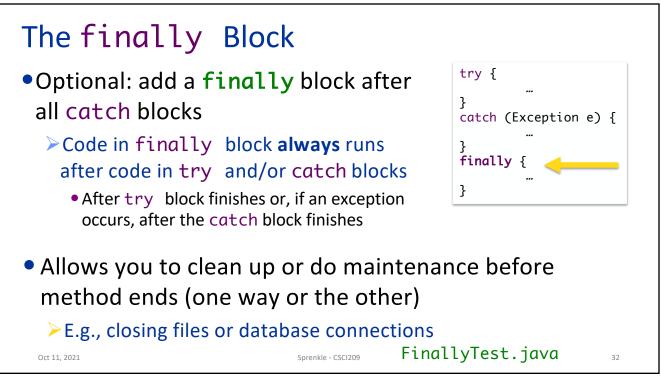


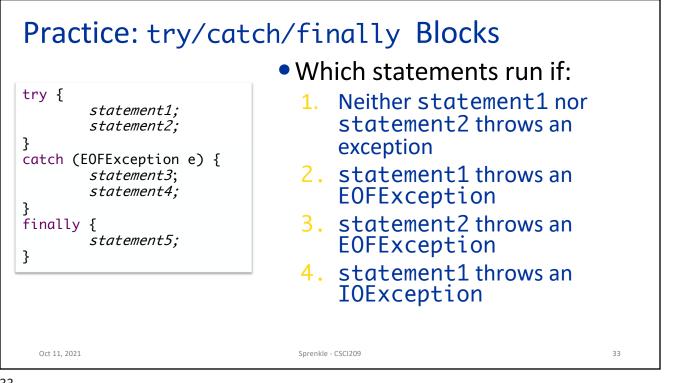




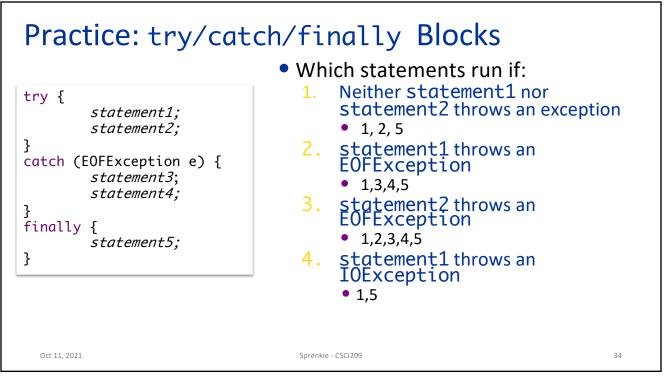




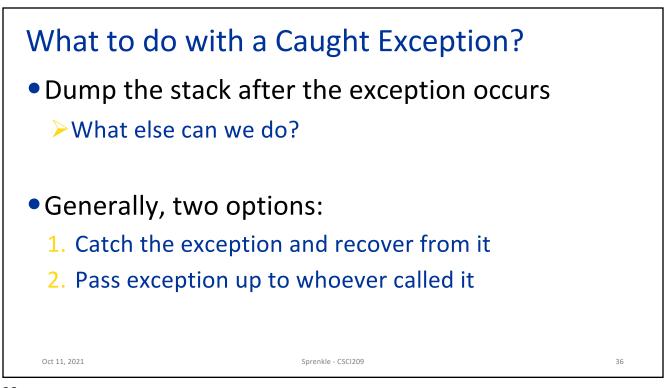


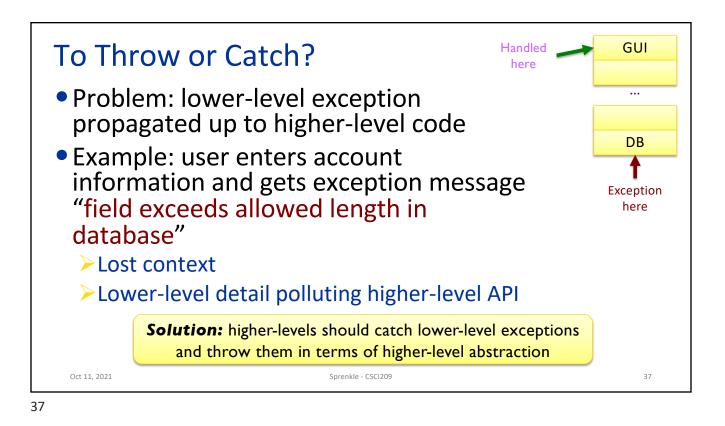


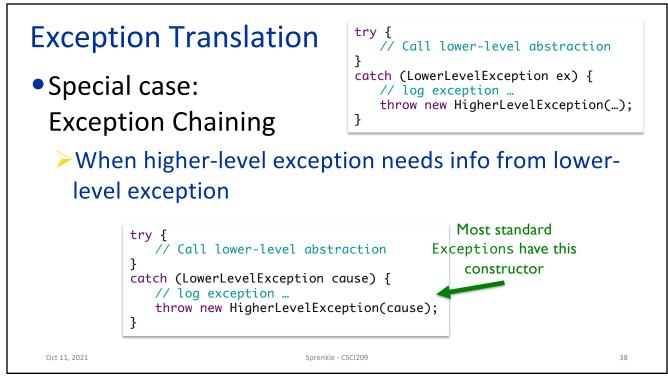


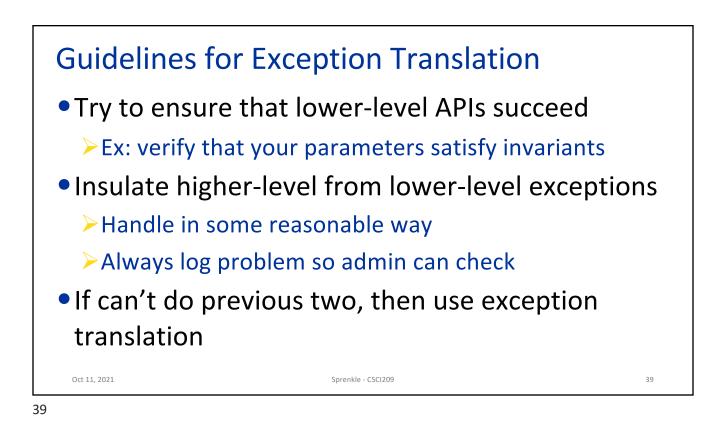


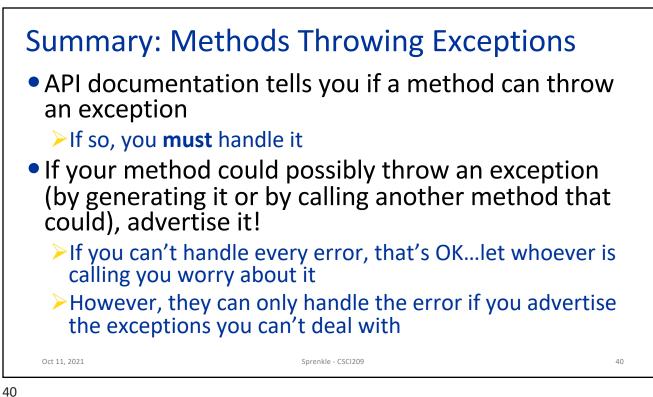
	ng More Than One Exception Type ch multiple exception types in one catch block	
	<pre>try { statement1; statement2; } catch (EOFException SQLException e) { statement3; statement4; } finally { statement5; }</pre>	
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eclipse		
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