









Revised BankAccount Methods public void deposit (double amount) { this.updateBalance(amount); } public void withdraw(double amount) { this.updateBalance(-amount); } private void updateBalance(double amount) { if (this balance + amount < 0) { throw new IllegalArgumentException("insufficient funds"); } else { this.balance = this.balance + amount; } · Methods now have void return type, not boolean · Error message and "return false" replaced with throw of new exception object · Callers can chose to ignore the exception, if they don't know how to cope with it • It will be passed on to the caller's caller, and so on, to some caller that can cope 1/29/2003 (c) University of Washington 07-8













Syntax:		
-		
try {		
<body, a="" seq<="" td=""><td>uence of statements></td><td></td></body,>	uence of statements>	
}		
catch (<exception< td=""><td>n type1> < name1>) {</td><td></td></exception<>	n type1> < name1>) {	
<handler1, a<="" td=""><td>sequence of statements></td><td></td></handler1,>	sequence of statements>	
}		
catch (<exception< td=""><td>n type2> < name2>) {</td><td></td></exception<>	n type2> < name2>) {	
<handler2, a<="" td=""><td>sequence of statements></td><td></td></handler2,>	sequence of statements>	
}		

First evaluate < hoo	ha	
 If no exception thro are thrown are alreadone with the try-ca 	wn during evaluation of <i>body</i> , or all ady handled somewhere inside <i>boa</i> ttch block; skip the catch blocks	exceptions that ly, then we're
Otherwise, if an exc catch block in turn	ception is thrown and not handled, t	hen check each
See if the exception	is an instance of < exception type1>	
 If so, then the except 	ition is caught:	
Bind <name1> to the to the to the code after the</name1>	exception; execute < handler1>; skip remaining try-catch block	catch blocks and go
 If not, then continue 	checking with the next catch block (if any)	
 If no catch block ha handler, e.g. by exi for a try-catch block 	ndles the exception, then continue ting the containing method and sea s surrounding the call	searching for a rching the caller

