

605.201

Introduction to Programming Using Java

Assignment 9

This programming assignment involves learning about some of the common exceptions that occur in Java programs. Consider the following exception types:

NullPointerException

ArrayIndexOutOfBoundsException

ClassCastException

IllegalArgumentException

Research what each exception type means and the conditions under which each occurs (i.e., is thrown). Write programs that demonstrate each type of exception being *thrown* (one program per exception) and provide a screen capture of the output. Name your programs as follows: NullPointerExceptionThrown, etc. Then, write a program that *catches* each type of thrown exception and display an error message indicating some of the details as to what that exception is. Write one program per type of exception. Name your programs as follows: NullPointerExceptionCatch, etc.

Submit the source code and screen shots of each program's output in a zip file named as follows: Assignment9 followed by an underscore (_) followed by your first name initial, followed by your last name, followed by your course section number. For example, if your name is Jane Smith and you are in section 81 your zip file would be *Assignment9_jsmith81.zip*.