

**School of Electrical Engineering and Computer Science
The University of Newcastle
SENG1110/SENG6110 Object Oriented Programming**

Lab Session - week 11

1. **Listen the first video.** Download Write.java and TestFileInputDemo.java. Compile and run using debug. These code can be helpful in your assignment 2.
2. Open the files " DivideByZeroException.java." and " DivideByZeroDemo.java". Compile and run the program. **Listen the second video.**
 - a. Change the messages and check what is happening.
 - b. Using the BlueJ debugger, explain what is happening to your demonstrator. **(you need to complete this exercise)**
3. **Listen the third video.** Write a **recursive method** that receives a String as a parameter and print the String in reverse order. Implement and test it.
4. **Listen the fourth video** – information about IDEs

SENG6110

1. Go to <http://www.cs.ubc.ca/spider/harrison/Java/sorting-demo.html> and check the sorting QuickSort (it uses recursion!).

Prof Regina Berretta