Lab 3   COSC 20803   Fall 2021
Due Monday, November 15

Using the Lab3.java file, add statements to investigate the behavior (best, worst, average) of insertion sort and three diminishing increments for Shell sort.

Code for counting the number of swaps is already included in the methods.

Add code to measure the runtime of the sorting methods.

Run your program for a range of array sizes. Record the data that you obtain in a table in a Word document. Write a narrative describing your findings.

Create a zip archive containing the modified java file and the Word document. Submit that archive.

Do not change the name of the class.