

CSCD 211

Lab 2

Provided is CSCD211Lab2.java that is an unchangeable Java file.

Your task is to complete the program based on the API specifications. Program flow is:

- You will prompt the user for the name of the input file.
- You will open that file and count the number of lines in the file
- You will create and fill an array of type person for each record that is in the file.
- The array is then sorted by calling the compareTo of Person
- A menu is displayed

NOTES

- You must range check all values
- You may assume all letters will be lower case for any input obtained by your program
- You must ensure the parameterized type of Person is passed to compare/compareTo
- You need to capitalize the name when you print out the name
- All parameters will be final and all preconditions will be checked
- You will need your FileUtil and SortUtil methods from Lab1. Just copy over the folder cscd211Utils.
- You must create an input file that allows you to sufficiently test the specifications of this assignment.
- I have provided the Javadocs from the solution. Please see index-all.html inside the docs folder.

TO TURN IN

A zip file, in Canvas, by the required due date containing:

- all java files
- the input file(s) used to test your program
- a test run named cscd211lab2out.txt – testing all aspects
- We should be able to download the zip and compile your code, and then run your code.
- Name your zip
your last name first letter of your first name lab2.zip (Example: steinerslab2.zip)