**CS/COE 1501 Assignment Information Sheet**

**You must electronically submit an information sheet with every assignment. Also be sure to submit all materials following the procedures described in the assignment description.**

**Name: \_\_\_Ryan Gabrin\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Assignment #: \_\_\_\_\_\_2\_\_\_\_\_\_\_\_**

**Lecture Day and Time: \_\_Tu/Th 2:30-3:45\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Recitation Day and Time: \_\_\_Wed 9:00-9:50\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Program Due Date: \_\_\_10/19/2018\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Submitted Date: \_\_\_10/19/2018\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**JDK Version: \_\_Java 9.0.4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Source code (.java) file name(s):**

**\_\_PHPArray.java, Assig2.java, Assig2Extra.java\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Compiled (.class) file name(s):**

**\_Assig2.class,\_\_\_\_ Assig2Extra.class, PHPArray$1.class,**

**\_\_\_\_PHPArray$2.class,\_\_\_\_ PHPArray$Node.class,\_\_\_\_\_\_\_\_**

**PHPArray$Pair.class, PHPArray.class\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Does your program compile without error?: \_\_Yes\_\_\_\_\_\_\_\_\_\_\_**

**If not, what is/are the error(s)?:**

**\_\_\_\_N/A\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Does your program run without error?: \_\_\_No\_\_\_\_\_\_\_\_\_\_**

**If not, what is/are the error(s) and which parts of your program run correctly?:**

**\_\_\_In the final test block for the forEach, the program only prints out the first entry in C and does not print out any further values.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Upon investigation, this seems to occur after C is sorted at approximately line 240 of Assig2. The try/catch loop errors and the exception is caught (as it should based on the output demonstrated), but as a result only the first object within C is returned and therefore it is all that is there to print out. I am unsure as to why this is the case, but aside from that it is the only error I run into.\_\_**

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**Additional comments (including problems and extra credit):**

**\_\_In Assig2Extra.java, I demonstrate my implementation of the array\_change\_key\_case() function that changes the cases of the array’s key characters to be the opposite of what they started as. I just copied the main program and inserted this code within the main block. The added code begins at line 240 in Assig2Extra.java, and the output demonstrates the inversion of cases for each key.**

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