Lab 13

PROGRAM SPECIFICATIONS

Fish
1. Contains 2 Private data members
   - String type
   - double weight

2. EVC sets name and weight (passed in that order) to what is passed in
3. getMethods
4. setMethods
5. toString – must have @Override
6. equals – must have @Override
7. hashCode – must have @Override
8. compareTo – by type first and weight second – must use <Fish> – must have @Override

Menu Choices
1. prints the array to the screen
2. prints the array to the file
3. Asks the user to compare two fish for equality.
4. Quit

Other Specifications
- You are NOT to change main in **CSCD210Lab13.java**
- You are not allowed to use the Arrays class in any fashion
- You must ensure all numbers entered are within range
- No try catch will be used in this lab for anything
- You must verify all preconditions and all parameters must be final
- You must use my jar file for FileUtils and SortUtils
- The documentation for my jar is in the folder jar_doc

TO TURN IN

A **zip** file that contains:
- All packages and Java files to ensure your code compiles and runs
- An output run of your program named **cscd210lab13out.txt**
- Your input files
- Your output files

Zip is named your last name first letter of your first name lab13.zip (Example: steinerslab13.zip)