COP5007 Programming Project # 5

Grading Sheet

Total Score: (100 points total): _100_   Name: _Kyle Ligon_

NOTE all items on grade sheet refer to correct implementation of the item.

1. **Functionality** - the program handles the following as specified
    1. __✓__ (6 pts) Three classes
        1. __✓__ (6 pts) Each class has instance variable related to only that class
        2. __✓__ (6 pts) Each class has access and mutator methods
        3. __✓__ (6 pts) Each class has at least one other method related to only that class
        4. __✓__ (6 pts) Each class has additional instance variable related to Carbon footprint calculation.
        5. __✓__ (6 pts) All three class implement the CarbonFootprint Interface
        6. __✓__ (10 pts) getCarbonFootprint method implemented correctly ~~_____~~
    2. __✓__ (8 pts) Interface called CarbonFootprint created with appropriate method.
    3. Main application
        1. __✓__ (10 pts) Reads footprint classes' data from a file
        2. __✓__ (8 pts) Create 3 object of each class, (9 total objects)
        3. __✓__ (8 pts) Footprint object placed in an Array, Array type is Interface type
        4. __✓__ (8 pts) Polymorphic iteration of array that produces requried output.
2. **UML Diagrams**
    1. __✓__ (6 pts) Design version Class diagram (with all methods, instance fields and association)
    2. __✓__ (6 pts) Final version Class diagram (with all methods, instance fields and association)
3. **Other Issues**
    1. _____ (up to -40 pts) file not included in submission
    2. _____ (up to -20 pts) Poorly documented including Javadoc HTML file (correct format and tags)
    3. _____ (up to -20 pts) Poor programming style (formatting, variable names, no magic numbers etc)
    4. _____ (up to -30 pts) Poor Program structure (separate classes, good object oriented design and driver program,)

Comments: