

Lab Assignment 5A

Write a class with one attribute, an integer array. Your constructor should take an integer array as its only parameter. Write all the accessors, mutators, toString and equals methods. Also write an additional RECURSIVE method that returns the sum of all the elements in the array (your method should have an array as its argument and should have the recursive call in its return for the general case).

Write a client class to test all your methods and especially your recursive method.

Remember to submit all your .java files, .class files, pseudocode algorithm and screenshots of your code and output.

Add a comment heading on all .java files:

- Name
- Date
- Assignment
- Sources used to complete the assignment: (this may be text and page numbers, tutor names and dates, a specific link, etc)

Program grading:

1. Submitted pseudocode showing logic steps to perform required task(s) (1 pt)
2. Submitted java File (1 pt) – include indentations and spacing, use of good naming conventions for variable and class names.
3. Submitted .class File (1 pt)
4. Submitted Screenshot of properly coded and presented output (and input if required) (1 pt)
5. Properly working code applying techniques learned in weekly lesson (1pt) \

Each assigned program is worth 5 pts

Note:

Please be aware that copying and pasting code from any other source other than code you have explicitly written on your own is considered plagiarism. If you receive help, that is fine however you need to write your own code, name your own variables and comment your own code. Students turning in the exact same work as another student will all be given zeros. Plagiarism is not tolerated and students found to be plagiarizing will be given a zero and reported to the university; with the possibility of termination of the class and degree program.