

Recitation Assignment #6: Methods

CS0007

Due: June 23rd, at 11:59 PM

Instructions

The goal of this assignment is to test your ability to use methods and array algorithms. You will write a method that takes an integer array as an argument and returns the value of the minimum element in the array. You should follow these steps:

1. Write a method called “minimum” that takes an integer array as an argument and returns an integer
 - (a) Find the minimum element using the minimum element algorithm discussed in class
 - (b) Return the minimum element
2. Declare an integer array with the following values: 75, 65, 24, 11, 45, 32, 22, 3, 54, 5.
3. Get the minimum element using the “minimum” method you just wrote.
4. Display the minimum element.

Note: You do not have to follow a particular input/output format, but I should be able to understand how to use and understand your program before looking at the code.

You are required to have sufficient internal documentation for your program. This is meant to be AN INDIVIDUAL ASSIGNMENT. Also, taking large segments of code from other sources without citing is plagiarism. The majority of this assignment should be YOUR OWN ORIGINAL WORK. I recommend getting a small storage device such as a flash drive to save your work on. You can get these for under \$20 at any Radio Shack, and many other stores. When you are done submit your project by zipping up the project folder and FTPing it to the drop box for this course as described in class and here: <http://www.cs.pitt.edu/~eth13/cs0007/submissionGuidelines.html>. On the course webpage there is a grading rubric which I will be grading from. Keep this in mind while doing the assignment.