	Computer Science Department/College of Engineering and Computer Science
	CSc 20: Programming Concepts and Methodology II
	Lab 4 – Array Algorithms and Operations

Objective:

In this lab, you are to implement two Java programs. CalcAverageForCsc20 accepts users inputs with set of test scores. It uses the Csc20Grader class to calculate the average with the lowest score dropped. It displays the adjusted average and lowest score.

Overview:

This lab's objective is to exercise you with the use of Java's array concepts. Students will experience with a basic array algorithm and operations.

Activities:

1. Copy instructor's java source files: Csc20Grader.java and CalcAverageForCsc20.java from SacCT to your working directory.

2. Develop your program according the pseudo code given these java files.

Sample outputs:

Test case 1:

```
    ----jGRASP exec: java CalcAverageForCsc20

How many test scores do you have? 4
Enter score #1: 40
Enter score #2: 10
Enter score #3: 40
Enter score #4: 40
Your adjusted average is 40.0
Your lowest test score was 10.0
```

Test case 2:

```
   ----jGRASP exec: java CalcAverageForCsc20

How many test scores do you have? 1
ERROR: You must have at least two test scores
 ----jGRASP: operation complete.
```

Deliverables

(1) Demo your working program to instructor.

(2) Turn in your mondified java programs Csc20Grader.java, CalcAverageForCsc20.java, and output file in MS Doc or PDF format to SacCT.