

# Fall 2019 - CS 203 Object Oriented Design

## Lab 10

### Objectives:

- Learn to write Generic classes and methods

### Problem 1

Write a static generic method that computes the minimum and maximum elements of an array of type T and returns a pair containing the minimum and maximum value.

### Problem 2

Write a static generic method that computes the average and sum of elements of an array of type T and returns a pair containing the average and sum value.

Hints: We should be able to call your generic methods either with an integer arraylist or double arraylist. Regardless of the type of our elements, your method should handle the computation.

You can check our sample code or lecture 16 to learn about the syntax.

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**Grade:** *For this lab, we will need to see either*

**1)** *Fully functional code solving the problem as specified or*

**2)** *a genuine attempt at solving the problem before you may sign the attendance sheet/leave and earn credit for this lab.*

Good Luck