

CSC 530/730 –Programming and Data Structures

W1 Exercise 2

Unsorted Arrays: Encapsulated in a Class and Related Operations

Problem 1

In example project *Example02UnsortedArray*, write a function that flips the order of elements in the array. For example, given an array containing

50 20 30 10 40

After calling the function, the array will become

40 10 30 20 50

Problem 2

In example project *Example02UnsortedArray*, write a function that left rotates the array. For example, the array contains

50 20 30 10 40

After calling the function, the array will become

20 30 10 40 50

Problem 3

In example project *Example02UnsortedArray*, write a function that right rotates the array. For example, the array contains

50 20 30 10 40

After calling the function, the array will become

40 50 20 30 10