

Program Assignment #4

Part I due Tuesday March 2nd at 11:59pm
Part II and III due Tuesday March 16th at 11:59pm

Part I:

Write a program that will initially display the following menu and prompt the user for a selection:

- 1) Sort 5 integers
- 2) Sort 10 integers
- 3) Sort 15 integers

Enter your selection:

For each option: prompt the user to enter the integers. After the integers are obtained, sort the integers and display the result.

Part II:

Optimize the code for part I. This code should be optimized with forwarding disabled. Grading will be based on the performance of the code.

Part III:

Write a program that prompts the user to enter how many numbers they would like to sort (1-50). Next prompt the user to enter these numbers. Finally output the results of the sort. Again optimize the code with forwarding disabled. Grading will be based on the performance of the code.