###### *Homework 1 - Report*

###### *One Dimensional Arrays*

**Name: Pan Yue (Carol)**

When did you start working on this assignment?

I started and almost finished 1A & 1B last Wednesday thanks to your instruction in class. Then I started to work on 1C this weekend after reviewing Chapter 7-8.

What is this homework’s level of difficulty? (1– easy, 10 – very difficult)

Approximately how long did this homework take you to complete?

|  |  |  |
| --- | --- | --- |
|  | Level of difficulty  (1-10) | Minutes, Hours |
| **22B\_H\_1A.cpp** – Binary Search: Find and fix errors | 4 | 15 minutes |
| **22B\_H\_1B.cpp** – Insertion Sort: Find and fix errors | 3 | 10 minutes |
| **Pr8-3\_BinS.cpp** – Binary Search: Code Review | 5 | 25 minutes |
| **22B\_H\_1C.cpp** Search a Sorted List of Strings | 9 | 3 hours |

Did you write comments for all new functions? Y

Did you save the output as a comment at the end of the source file? Y

What score would you assign to this project (see Grading below)?

Why do you think you deserve this score? Show the score calculation with justification.

|  |  |  |
| --- | --- | --- |
|  | Points | Your Score |
| Program 1A | 15 | 15 |
| Program 1B | 20 | 20 |
| Program Pr8-3\_BinS | 10 | 10 |
| Self Assessment Report | 5 | 5 |
| Program 1C |  |  |
| Read data from file into arrays | 10 | 10 |
| Binary Search | 10 | 10 |
| Test Binary Search (loop) | 10 | 10 |
| Create the new array (frequency array) | 10 | 10 |
| Write arrays to a file | 10 | 10 |
|  |  | TOTAL: 100 |

What was the most difficult task/part of this homework assignment?

I didn’t learn the knowledge of writing data to a file very well last quarter, so it took me a long time to review and understand what to do in this part. I need to do more exercises to reinforce my understanding.

Any comments/suggestions?

Your assignments are well designed and really help me to learn a lot.

That’ll be nicer if there is more time to do all the homework including codeLab.