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CSC 414 Software Development

November 17, 2020

“Project Development Paper”

Section 1.0

1.0: Scope

This document will bring into detail a program.

1.1: Identification

This document can be applied to any windows or mac running its up to date software. Also, the program itself will be done and viewed in C++.

1.2: System Overview

The main point of the program is to allow the input of five names that will be organized alphabetically and be able to be viewed in a document.

1.3: Document Overview

The main purpose of this document is to detail the organization of 'items' in a program.

Section 2.0

References:

[1] C++ Programming From Problem Analysis to Program Design by D.S. Malik

[2] "What is the std::sort() function in C++". https://www.educative.io/edpresso/what-is-the-stdsort-function-in-cpp. Accessed 17 November 2020.

[3] Chakraborty, Arnab. "Sort an Array of Strings According to String Lengths in C++". https://tutorialspoint.com/sort-an-array-of-strings-according-to-string-lengths-in-cplusplus. Accessed 17 November 2020.

Section 3.0

Requirements:

- It shall allow only an input of five names.
- It shall sort the names alphabetically.
- It shall print the results to a readable TXT file.
- Any method to sort the names is allowed.

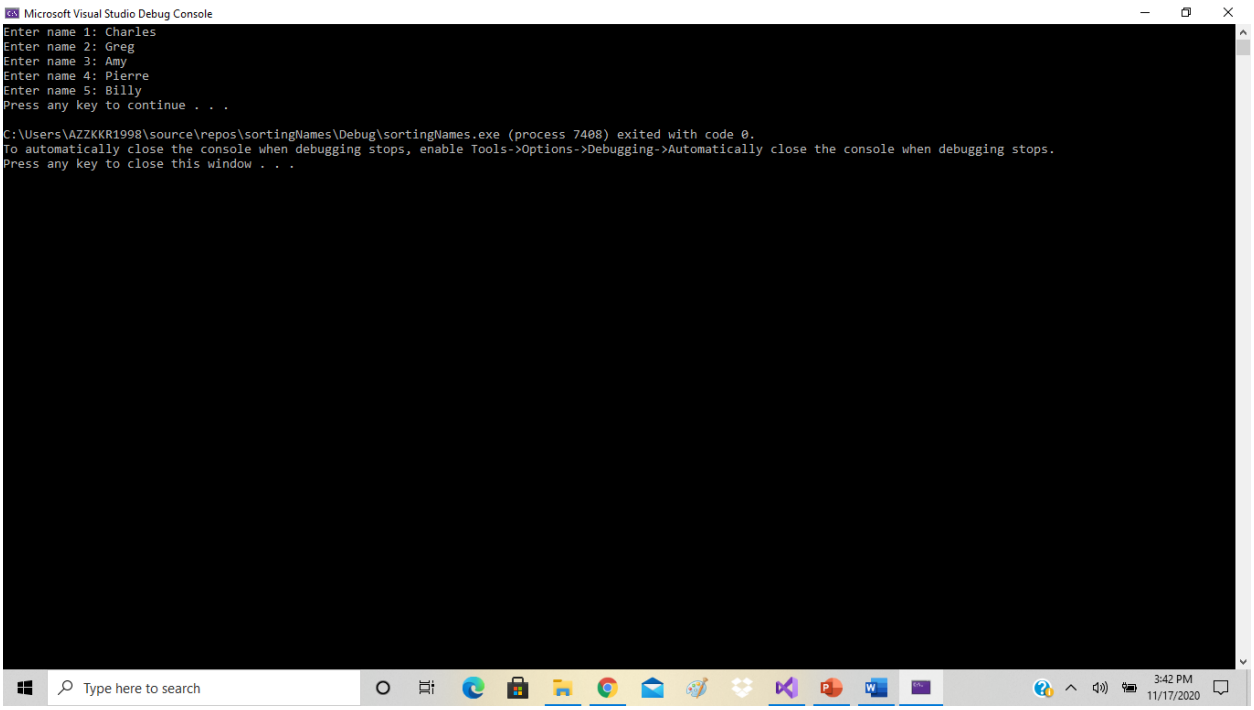
Section 4.0

Design:

A user interface pops up allowing a maximum of five names to be inputted. Everything else is done in the backdrop and closes accordingly.

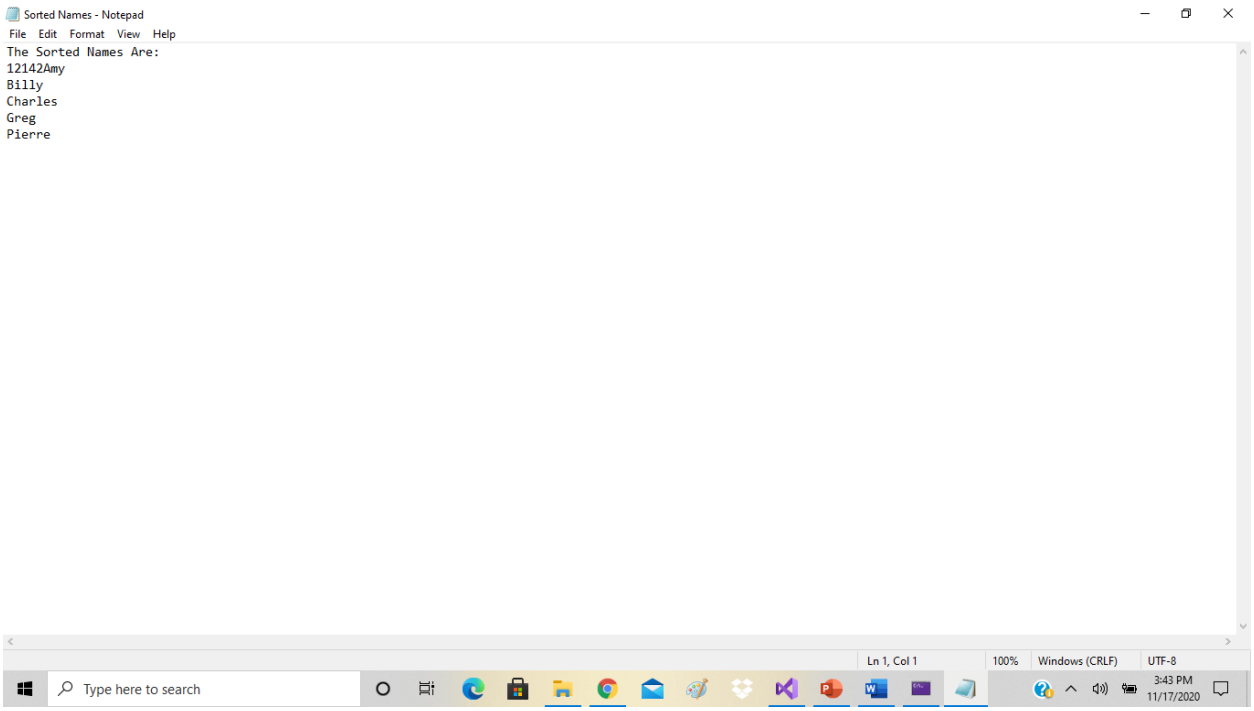
Section 5.0

Test:



Appendix

Test Results:



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