

Array Homework 3

Part 1: Read File into Array

1. Read a text file of floating-point numbers (such as 98.6) into an array.
 - a. Use an OpenFileDialog.
 - b. Make the array longer than the file.
2. Display the array in a listbox.

Part 2: Enter Number into Array

1. Allow the user to manually enter a floating-point number.
2. Append the user's number to the numbers already in the array.
3. Display the array in the listbox.

Part 3: Regular Search for Number

1. Allow the user to search for a number in the array.
 - a. Use a traditional search.
2. Display the found number in the listbox.

Part 4: LINQ Search for Number

1. Allow the user to search for a number in the array.
 - a. Use a LINQ search.
2. Display the found number in the listbox.