Overview

Exercise\_15\_5 allows users to enter strings into a textbox and to give as input to a listBox that sorts them alphabetically.

### PROCESSING LOGIC

App Logic:

1. User enters string
2. When user presses Return key or EnterButton
3. Add string from textbox to listbox
4. Clear textbox
5. Return to 1

### DATA (INPUT/OUTPUT)

Input: string

Output: strings: sorted alphabetically

### COMPONENTS (SOURCE CODE NAMES, CLASSES, METHODS)

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| **Exercise\_15\_5** |
|  |
| -textbox1\_KeyDown(object, KeyEventArgs): void  -UserEnterButton\_Click(object, EventArgs): void |

### TESTING

Scenario 1 – Basic test

Steps to test:

1. Start program
2. Enter “Catop”
3. Enter “Dogop”
4. Enter “AlphaDog” -observe that AlphaDog should be placed above Catop and Dogop
5. Enter “BigDog”
6. Enter “SmallDoggo”
7. Exit program

Expected reaction:

For all the strings entered into the listbox to be displayed in alphabetical order

Actual result:

Expected reaction was actual result. Program works.

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