Overview

Exercise\_14\_6 takes in user input of Fahrenheit in a textbox and displays it in Celsius in a label.

### PROCESSING LOGIC

App Logic:

1. Welcome the user and tell him to enter in a Fahrenheit degree to convert
2. Convert using (5/9) \* (input – 32) = celsius
3. Display the conversion
4. Reset textbox to allow user to enter more conversions.

### DATA (INPUT/OUTPUT)

Input: double – Fahrenheit temperature

Output: double – Fahrenheit to Celsius temperature

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

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| --- |
| **Exercise\_14\_6** |
|  |
| -UserTextBox\_KeyUp(object, KeyEventArgs): void |

### TESTING

Scenario 1 – Conversions text

Steps to test:

1. Start program
2. Enter 50
3. Read 10 Celsius
4. Enter 90, read 32.22 Celsius
5. Enter 80, read 26.67
6. Exit program

Expected reaction:

For the convertor to convert

Actual result:

Expected reaction was actual result. Program works.

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