Milestone 1

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Data Model based off of Assignment 1:

The form utilizes controllers that have many different usable functions. They can interact with each other such as filling out a textbox and then being able to convert it and putting it another textbox.

Contained within the Form:

1) Labels (named "Converting pounds to kilograms", "Weight in pounds", "Weight in Kilograms")

>> a. These can be placed anywhere and do not change during runtime of the project

2) Textbox (named "convert Button")

>> a. This button allows the conversion to take place. It receives the number in the poundsTextBox and multiplies it by a certain number and appends it to the kilogramTextBox.

Library methods used:

1) Try/catch format exception

>> a. This was added in order for the program not to cease abruptly should the input not be a number

2) Append

>> a. This allowed us to add the result of the conversion to the kilogramTextBox

3) Convert.ToDouble

>> a. This allowed us to convert the inputted number (a string) into a double. We use a double instead of an int, because of the potential length for the resulted number.

4) IndexOf/SubString

>> a. This helped us to find the decimal point and only allow from the beginning up until 3 points after the decimal place.