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**CST-150 Programming in C# I**

**Activity 8 – Calories from Fat and Carbs**

**Due Date: 11/21/21**

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# Rubric - Design a modular solution to a problem using methods. Application correctly calls both methods to process input data.

## Method 1: Determine if input is valid

The initial Boolean is set to false and this method returns a value of true if both input values from the user can be parsed as an integer. It is necessary to continue to the next step.

Text

Description automatically generated

## Method 2: Calculate Calories from Fat

My second method accepts an integer as an argument and also returns an integer after performing a calculation for calories from fat.

Graphical user interface, text, website

Description automatically generated

## Method 3: Calculate Calories from Carbs

My third method works similar to the previous in that it accepts an integer as an argument and returns an integer after performing the calculation for calories from carbs.

Text

Description automatically generated

# Rubric - Design a modular solution to a problem using methods.

## User Interface

Graphical user interface, application

Description automatically generated

## Calculate OnClick Event Handler

I have two variables, fat and carb, both initialized to 0. Those are passed in as reference parameters so the input from the user that is parsed can be returned as an int and stored.

Following that, each variable is respectively passed as an argument to each fat and carb calculator and set to the text for each field.

Text

Description automatically generated