Activity 8

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CST-150

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July 31, 2022

Calories from fat and Carbohydrates in C# WITH A WINDOWS FORM  
  
A nutritionist who works for a fitness club helps members by evaluating their diets. As part of her evaluation, she asks members for the number of fat grams and carbohydrate grams that they consumed in a day. Then, she calculates the number of calories that result from the fat, using the following formula:  
  
Calories from Fat = Fat Grams x 9

Next, she calculates the number of calories that result from the carbohydrates using the following formula:

Calories from carbs = Carbs grams x 4

Create an application that will make these calculations. In the application, you should have the following methods:

FatCalories – This method should accept a number of fat grams as an argument and return the number of calories from that amount of fat.

CarbCalories – This method should accept a number of carbohydrates grams as an argument and return the number of calories from that amount of carbohydrates.

Activity 8 source code GitHub link:

https://github.com/rcoon1/CST-150/tree/main/Activities/Activity%208

Screenshots:

Code Overview:

Text

Description automatically generated

Design component:

Graphical user interface

Description automatically generated

Program Running:

Graphical user interface, application

Description automatically generated

Valid input:

Graphical user interface, text, application, chat or text message

Description automatically generated

Calculating and showing result:

Graphical user interface, text, application, chat or text message

Description automatically generated

Clear Button:

Graphical user interface, text, application, chat or text message

Description automatically generated

Invalid fat input:

Graphical user interface, application

Description automatically generated

Invalid Carb input:

Graphical user interface, application

Description automatically generated