COP 1334C Homework 3
25 points

Calories Burned
File names: *caloriesalg.txt, calories.cpp*

Create a program that calculates the number of daily calories needed to maintain your current weight. Prompt the user for his/her weight, gender and activity level. Use the following menus to prompt the user:

Activity Level:
        1) Moderately Active
        2) Low Activity level

Gender:
        1) Male
        2) Female

Use the following chart to determine the caloric intake:

Gender	Actively Level	Calories Needed
Female	Moderate	12 calories per pound
Female	Low	10 calories per pound
Male	Moderate	15 calories per pound
Male	Low	13 calories per pound

Input validation: Do not accept weights below 10 pounds and only accept valid menu choices.

Display the user's caloric need at the end of the program.

Grading Rubric:
Algorithm (5)   _____

If statements (10)   _____
    • Input validation
    • Determine calories needed

Calculations and output (10)   _____

Submission Instructions:
    • Save *caloriesalg.txt* and *calories.cpp* in your *homework/homework3* folder.
    • Upload the **algorithm only** to the D2L Homework 3 link.
    • Include your account number with your submission.