CP212

BMI Calculator

Overview

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**Overview**

The BMI calculator was designed to record the user’s height, weight, and BMI (Body Mass Index). When the user interacts with the command button, it fires the main subroutine which creates the BMI chart. It also shows a userform so that the user may be able to use the program. This program is intended so that the user may be able to actively record their BMI throughout their life. The BMI calculator takes the users height and weight and uses these variables to calculate the users BMI. There are also options for you to put your family name and first name into the calculator so that this program can be used by multiple users at once. Tracking is done by inserting data into the corresponding sections within each family section and creates / updates the user’s data depending on if they exist within the family section or not (if a family doesn’t exist the program will create that portion). The database will be organized with a small hierarchy. Family (surname) followed by name (user’s first name), data will be placed according to whatever the user enters.

**Reasoning**

Recently I personally have been getting more and more into fitness, recording my BMI, workout routines, and the like. Seeing this project really spoke to me as this is something that I would be using every day to help myself record my own BMI. I figure after this course is over I may still in fact use my program routinely so that I may be able to routinely record data relating to my fitness endeavors. As well, my roommates are also into fitness as we have recently installed a home gym. I predict that they will also use this program to benefit themselves by recording their BMI and progress they make throughout their own routines. In summary, I chose this project as I can realistically see it assisting me and my roommates in our daily lives.