

Introduction

BMI is Short for Body Mass Index. It is computed as a composite of of Weight and Height and is a good predictor of health issues. It may be used for both children and adults

Algorithm

The algorithm has two inputs - the height in inches and the weight in pounds.

The BMI formula is

$$BMI = 703 * Weight / Height^2$$

Where 703 is a constant

Program Implementation

The program was implemented as an R Shiny App and consisted of two parts - a server.R and a ui.R. The ui.R implemented the front end and server.R implmented the back-end

How to Use

Input the height and weight. The program computes the BMI automatically