

BMI CALCULATOR

Chapter 1

Flowchart

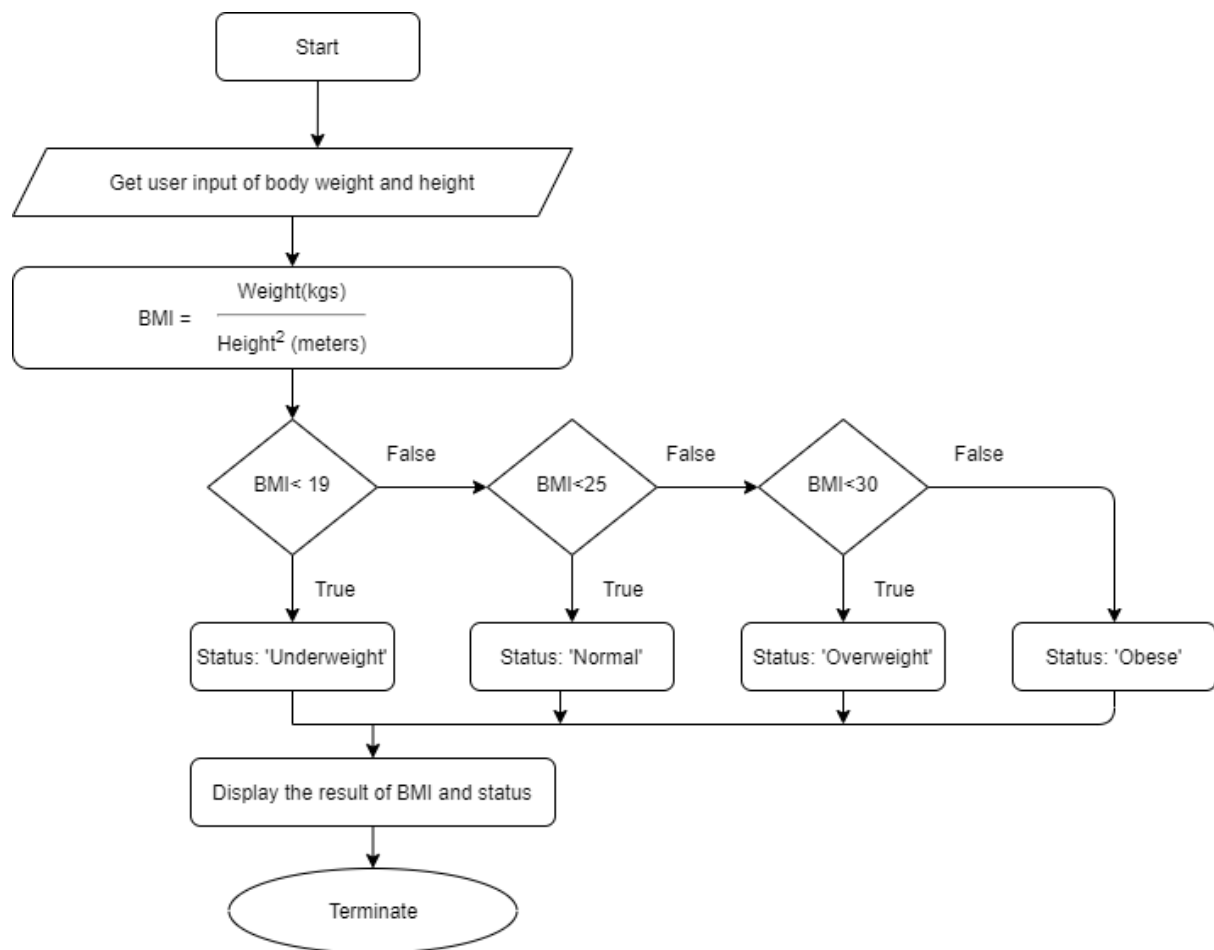


Fig1: BMI flowchart

Chapter 2

Algorithms

Step 1: Start

Step 2: Input weight and height of body

Step 3: Calculate BMI

$BMI < 19$

Output: "You are Underweight"

BMI between 20-25

Output: "You are normal keep maintaining your healthy body"

$BMI > 25$

Output: "You are overweight"

Step 4: Finish

Chapter 3

Pseudo Code

- Input height in meters.
- Input weight in kilograms.
- Calculate BMI

$$\text{BMI} = \frac{\text{Weight(kgs)}}{\text{Height}^2(\text{m})}$$

- If BMI < 19 then
 Output BMI
 Output “You are underweight”
- If BMI < 25 then
 Output BMI
 Output “You are normal”
- If BMI > 25 then
 Output BMI
 Output “You are overweight”
- End If