

Submit your source code is to be uploaded to Canvas using `YourName_Assignment3.c` format.

Proper commenting, and useful display of output would greatly help in reading your code. Spend time in generating proper input/output commands.

There is **10 points deduction** for not following proper submission structure.

Write a program that calculates the user's body mass index (BMI) and categorizes it as underweight, normal, overweight, or obese, based on the following table from the United States Centers for Disease Control:

BMI	Weight Status
Below 18.5	Underweight
18.5–24.9	Normal
25.0–29.9	Overweight
30.0 and above	Obese

To calculate an individual's BMI based on weight in kgs and height in meters, use the following formula:

$$BMI = \frac{weight(kg)}{(height(m))^2}$$

Your program should accept the weight and height as inputs and returns the BMI value along with the weight status as an output.

- a) Allow the user to enter their height and weight in SI units. (10 points)
- b) Calculate the user's BMI. (10 points)
- c) Categorize the user's weight status based on the above table. (20 points)
- d) Let the user know their BMI and health status. (10 points)