WEEK 8 LAB ASSESSMENT 3

Create a BMI calculator program. The program will ask the user to enter height in centimetre (cm) and weight in kilogram (kg).

The BMI formula as follows :

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

BMI categories :

- Underweight is less than 18.5
- Normal weight is between 18.5 to 24.9
- Overweight is between 25 to 29.9
- Obesity is BMI of 30 or greater

The sample output of the program is as follows:

```
Please enter height in cm: 169
Please enter weight in kg: 77.1
Your BMI value is 26.99
You are in the Overweight category

Enter Q to end or any character to continue: x
Please enter height in cm: 171.5
Please enter weight in kg: 65
Your BMI value is 22.10
You are in the Normal Weight category

Enter Q to end or any character to continue: Q
```

The program will display the BMI value, and the category of BMI. The program will then ask the user to enter Q to end the program. If any other input is entered, the program will repeat itself. Use `.pow()` function for the calculation, otherwise mark will be reduced.

- **SUBMISSION MUST BE IN ONE (1) PDF FORMAT AND ONE (1) NOTEPAD TEXTFILE (.txt). THE PDF MUST CONTAIN :**
  - **YOUR DETAILS (NAME, ID, LAB GROUP (E.G. ES6B),**
  - **FULL PYTHON CODE**
  - **THREE (3) SAMPLE OUTPUTS FROM THREE (3) SEPARATE CODING EXECUTION.**
- **NOTEPAD TEXTFILE (.txt) MUST CONTAIN FULL CODING**
- **PLEASE MAKE SURE YOU SUBMIT TO YOUR CORRECT LAB GROUP, OTHERWISE THE SUBMISSION IS NOT EVALUATED. ANY COMPLETED SUBMISSION IS FINAL.**