# Python Fundamentals:

**Exercise 2:**

For your second activity, you will need to do the following…

* Develop a script which asks the users for the following
  + First Name
  + Last Name
  + Age
  + Weight in pounds
  + Height in feet
* You will convert the user’s weight in pounds to kilograms and ounces
  + The conversions are as follows:
    - 1 pound = .045 kilograms
    - 1 pound = 16 ounces
* You will convert the user’s height in feet to meters
  + The conversion are as follows:
    - 1 foot = 0.3048 meters
* You will display the user’s full name, age, weight (in kilograms and ounces), and height (in meters) across the screen.

Make sure to include the following criteria…

1. Import an image file of a working Flowchart:

Graphical user interface, text, application

Description automatically generated

1. Provide the Pseudocode based on your flowchart:

Function Main

Declare String fname

Declare String lname

Declare Integer age

Declare Integer lbs

Declare Integer ft

Declare Integer kg

Declare Integer ounces

Declare Integer m

Declare String space

Assign space = " "

Output "Please enter your first name"

Input fname

Output "Please enter your last name"

Input lname

Output "Please enter your age"

Input age

Output "Please enter your Weight"

Input lbs

Output "Please enter your height in feet"

Input ft

Assign kg = lbs\*.045

Assign ounces = lbs\*16

Assign m = ft\*0.3048

If m<=1

Output "Thank you,"&space&fname&space&lname&"."&space&"You are"&space&age&"."&" You weigh"&space&kg&space&"Kilograms, or"&space&ounces&space&"ounces."&space&"You are"&space&m&space&"meter tall."

Else

Output "Thank you,"&space&fname&space&lname&"."&space&"You are"&space&age&"."&" You weigh"&space&kg&space&"Kilograms, or"&space&ounces&space&"ounces."&space&"You are"&space&m&space&"meters tall."

End

End

1. Include a working script and save it as module1\_2.py and upload it separately to Moodle from this Word document. Your code should include comments that help describe what is happening within your code.