

# Classwork 4: Input & Output

In-class Date: Thursday 02 October

Due Date: Wednesday 08 October

## Objectives

More practice using `input()`, `print()`, variables, and data types.

## Starter Code & Assignment

Using the starter code below, write a program that asks for the user's name, height in inches, and weight in pounds. Your program then replies with the user's name, height in centimeters, and weight in kilograms.

```
1 # Name: Alice Smith (your name here!)
2
3 # Ask for the person's name.
4 name = ???
5
6 # Ask for the height in inches
7 # Make sure you have the correct data type!
8 height_in = ???
9
10 # Ask for the weight in pounds
11 # Make sure you have the correct data type!
12 weight_lbs = ???
13
14 height_cm = 2.54 * ???
15 weight_kg = weight_lbs / 2.205
16
17 print("Hello", name, "your height is", height_cm, "centimeters, and you weigh",
18       weight_kg, "kilograms.")
```

## Reminder

Assignments are your own effort. Do not share your code.

## Extra Credit

Use the appropriate code in `print()` to only show two values after the decimal when printing the user's height and/or weight.

## Grading Rubric

Script prints:

- accurate centimeters calculation: 50 points.
  - Extra Credit: +5 points
- accurate kilograms calculation: 50 points.
  - Extra Credit: +5 points

## What to Submit

- Your saved Python script.