

# Python for Beginners – Class 1 Homework

## Exercise 1:

Make 3 variables and set each of them to a whole number value from 0-100. Then, output the **average (mean)** of the 3 numbers.

For example, if your 3 numbers are 25, 30, and 50, your program should output 35, since  $(25 + 30 + 50) \div 3 = 35$

**YOU MUST USE VARIABLES WHEN WRITING THE PRINT STATEMENT! DO NOT PUT IN THE ACTUAL NUMERICAL VALUES OF THE NUMBER WHEN PRINTING.**

## Exercise 2:

You buy 2 bags of bananas for \$4.50 each, and 3 packs of strawberries for \$5 each.

1. Create 4 variables, for the **count** and **cost** of each fruit

```
bananaCount = 2  
bananaCost = 4.5
```

```
strawberryCount = 3  
strawberryCost = 5
```

2. Create a TOTAL COST variable and calculate the total cost of all items (using code!!)

```
totalCost = ???
```

3. PRINT:

```
You bought [__] bananas and [__] strawberries!
```

4. PRINT:

```
Your total cost is $[__]
```

**YOU MUST USE VARIABLES TO FILL IN THE BLANKS. DO NOT PUT THE ACTUAL VALUE INSIDE THE BLANKS!!**

## BONUS:

You receive a 10% off discount on all your items! Print the new cost (after discount) in the same format:

```
Your total cost is $[__]
```