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) ÷ 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:

1. Create 3 variables called bananaCost, strawberryCost, and mangoCost, and set a price for each of them.

```
bananaCost = 4.5
strawberryCost = 5
mangoCost = 5.5
```

2. Create a TOTAL COST variable and calculate the total cost of the 3 items (using code!!)

```
totalCost = ???
```

3. PRINT the total cost in the following format: **Your total cost is $[__]**

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

Exercise 3:

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 $[__]