**Python HW 2 StoreItems**

**Project Description:**

I would like everyone to create a program about items you are purchasing at a store. The program will ask the user to enter 2 items you wish to purchase at the store and the cost of the 2 items. Then the program should calculate the total cost of the 2 items and calculate the tax of the 2 items, at a rate of 10%. The program should output the 2 items purchase and the cost of each of the items. Also output the subtotal and the tax amount of the 2 items.

**Needed for this assignment:**

* [Google Colab (GC)](https://colab.research.google.com/)
* Instructions

**To be submitted for this assignment:**

* Your python file, named LastNameFirstInitialPythonHW2StoreItems.py
* A screen shot of your output file, saved as LastNameFirstInitialPythonHW2StoreItemsOutput.jpg

**Instructions:**

The following table shows the steps you will need to follow and the rubric that your instructor will use to grade your assignment:

| **Step** | **Instructions** | **Points Possible** |
| --- | --- | --- |
| **1** | Open up your Python editor and save the file **LastNameFirstInitialPythonHW2StoreItems.py** | 5 |

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| --- | --- | --- |
| **2** | First line of code should have a comment of **your name** and the **CRN of your class**. | 5 |
| **3** | Create a variable in your code that will be “hard-coded”, this variable will represent your store. This should be the first line of code printed in the output, and be the save every time the code is executed | 10 |
| **4** | Create 2 *different variables* (name the variables something meaningful), these variables will represent the store items you wish to purchase. This code should ask the user to enter the name of the items and print out the name of the items as the output. | 15 |
| **5** | Create *2 more variables*, these items will represent the cost of the items entered in the previous questions. Again, the user, should input the cost and then the price and the item should be printed as output. | 15 |
| **6** | Created *2 more variables*. The 1st variable, named subtotal, will calculate the cost of the 2 items, (previously entered values). The 2nd variable taxAmount, will calculate the tax rate of 10% of the 2 items. | 20 |
| **7** | Output the subtotal of the 2 items and output the taxAmount. | 5 |
| **8** | Run and fix your code for any errors. | 5 |
| **9** | Create a screen shot of your output and name the output as **LastNameFirstInitialPythonHW2StoreItemsOutput.jpg** | 10 |
| **10** | Save the file as **LastNameFirstInitialPythonHW2StoreItems.py** and submit both output and code back into the Brightspace | 10 |
|  |  | **100** |