

Lab 2 - Part2

Data input, data processing, and data output.

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You work at a cell phone store. The owner of the store wants you to write a program than allows the owner to enter in data about the cell phone and then calculate the cost and print out a receipt. The code must allow the input of the following:

1. The cell phone make and model
2. The cell phone cost
3. The cost of the cell phone warranty

Once these elements are entered, the code must do the following:

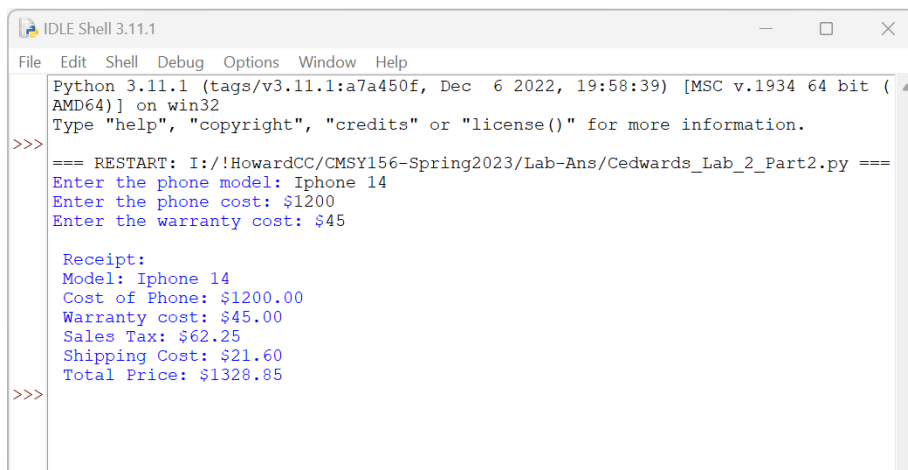
1. Calculate the sales tax – the sales tax is 5% of the combined cost of the phone and the warranty
2. Calculate the shipping cost – the shipping cost is 1.8% of the cost of the phone only
3. Calculate the total amount due – the total amount due is the combination of the phone cost, the warranty cost, the sales tax and the shipping cost
4. Display the receipt:
 - a. Print out a title
 - b. Print out the make and model
 - c. Print out the cell phone cost
 - d. Print out the warranty cost
 - e. Print out the sales tax
 - f. Print out the shipping cost
 - g. Print out the total amount due

NOTE: All input and output should be in US Dollars. As such, the output should include the “\$” and should display to two decimal places.

Rubric: The rubric is located on the assignment page in Canvas. Please review the rubric to make sure you meet the requirements for this lab.

Please submit your py file as well as a screen shot of the output.

Here is a sample screen shot of the program:



```
IDLE Shell 3.11.1
File Edit Shell Debug Options Window Help
Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:58:39) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: I:/!HowardCC/CMSY156-Spring2023/Lab-Ans/Cedwards_Lab_2_Part2.py ===
Enter the phone model: Iphone 14
Enter the phone cost: $1200
Enter the warranty cost: $45

Receipt:
Model: Iphone 14
Cost of Phone: $1200.00
Warranty cost: $45.00
Sales Tax: $62.25
Shipping Cost: $21.60
Total Price: $1328.85
>>>
```