

Lab 3

Decision Making – Part 1

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Write a program to take orders for a pizza. The pizza shop offers three different pizzas:

1. Cheese - \$17.10
2. Garden Fresh - \$18.49
3. Meat Lovers - \$19.75

The pizza shop has both pickup and delivery. Pickup is free, but delivery costs \$5.00 and requires the entry of a delivery address. The pizza shop also allows the user to add a tip to the order.

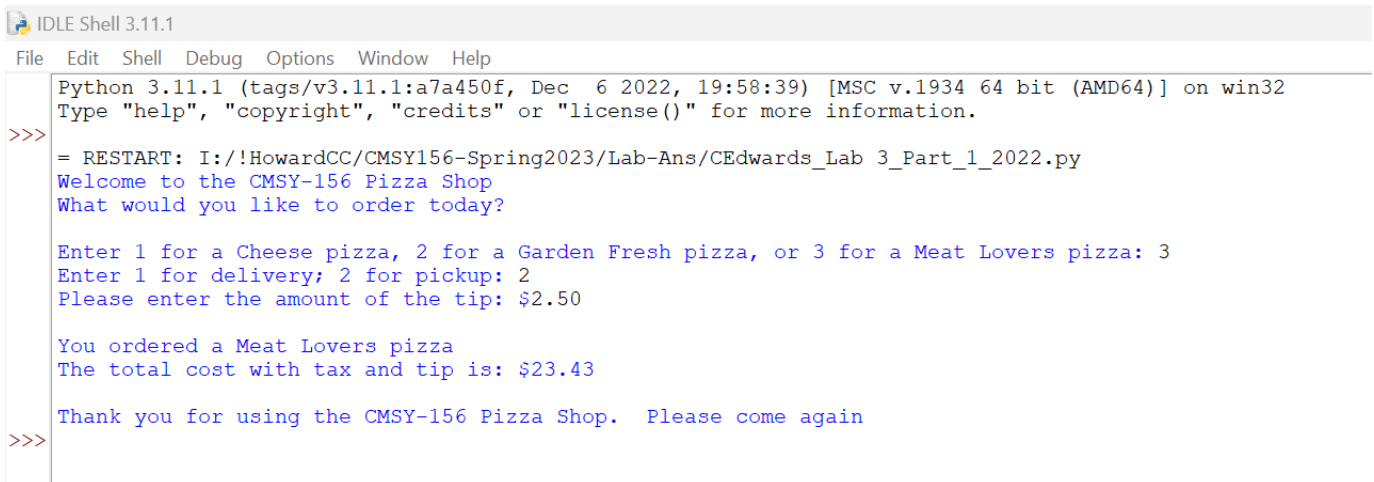
The code must:

1. Allow the user to enter in the type of pizza that they want to order
2. Allow the user to enter in whether this was a pickup or a delivery
 - a. If the order is a delivery order, the code must allow the entry of the delivery address
3. Allow the user to enter in the amount of the tip
4. Once all the data is entered the code must:
 - a. Calculate the total cost of the order – the total cost is the cost of the pizza plus 6% sales tax plus any delivery charge plus any tip. NOTE: sales tax is only on the cost of the pizza; there is no tax on the delivery or the tip
 - b. Display the total cost of the order and display the delivery address if this is a delivery order.
5. Use f-strings to format the prices for display.
6. Document (comment) the variables, constants, and the program source code.

Screen shots:

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

Pickup Order



```
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 3_Part_1_2022.py
Welcome to the CMSY-156 Pizza Shop
What would you like to order today?

Enter 1 for a Cheese pizza, 2 for a Garden Fresh pizza, or 3 for a Meat Lovers pizza: 3
Enter 1 for delivery; 2 for pickup: 2
Please enter the amount of the tip: $2.50

You ordered a Meat Lovers pizza
The total cost with tax and tip is: $23.43

Thank you for using the CMSY-156 Pizza Shop. Please come again
>>>
```

Delivery Order:

```
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 3_Part_1_2022.py
Welcome to the CMSY-156 Pizza Shop
What would you like to order today?

Enter 1 for a Cheese pizza, 2 for a Garden Fresh pizza, or 3 for a Meat Lovers pizza: 1
Enter 1 for delivery; 2 for pickup: 1
Please enter your delivery address: 123 Main Street
Please enter the amount of the tip: $3

You ordered a Cheese pizza
The total cost with tax, tip and delivery charge is: $26.13
The pizza will be delivered to: 123 Main Street

Thank you for using the CMSY-156 Pizza Shop. Please come again
>>>
```

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 all the requirements for this lab.