Lab 3
Decision Making – Part 2

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Write a program to take ice cream orders for the Quad Ice Cream shop. Pricing for the Ice cream orders are per scoop of ice cream. If a customer orders one or two scoops of ice cream the regular price per scoop is applied (see below), if a customer orders 3 or more scoops of ice cream there is a discounted price per scoop applied (see below). The program should also allow the customer to order a waffle cone. The code must ask a y/n question to the customer to determine if they want a waffle code. If the customer answer 'y' or 'Y', then the code adds $1.55 for the cost of the waffle cone.

Note: A minimum of one scoop must be ordered. The costs are:

1. Regular price: $2.75 per scoop for one or two scoops.
2. Discount: $2.10 per scoop for three or more scoops.

- Write a program that will correctly calculate a customer's order.
- Your program should look the same as the screenshots below.
- Use the following sample inputs from the screenshots below to test your program. You will need to run the program multiple times for testing. Change the number of scoops entered and the answer to the waffle cone question each time the program is run.
- If only one scoop is ordered print scoop, not scoops.
- Use f-strings to format the prices for display.
- Be sure to document (comment) the variables, constants, and the program source code.

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

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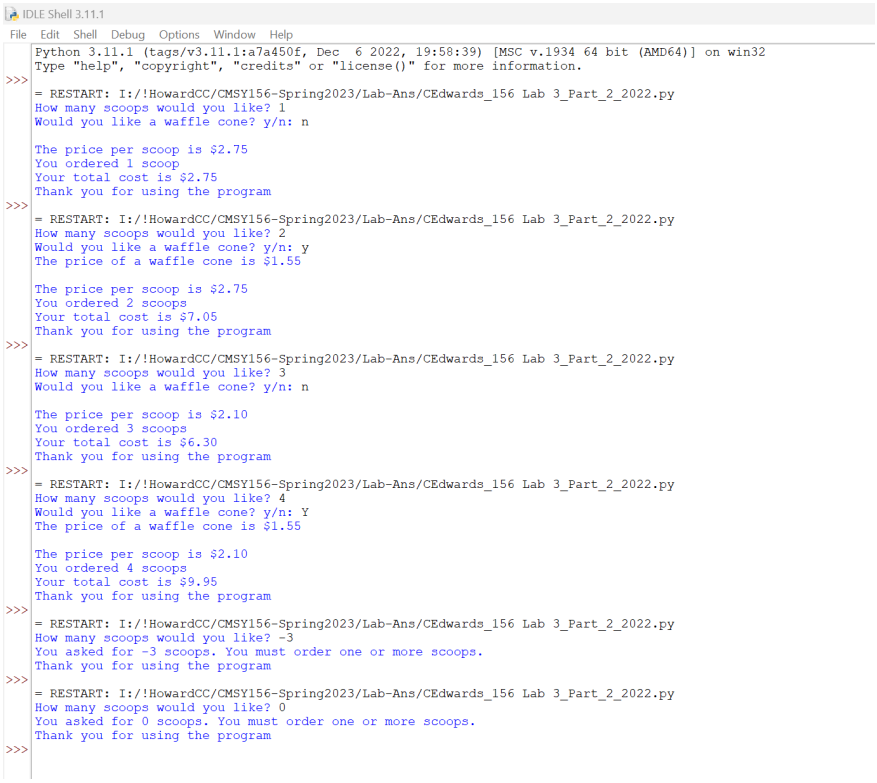
Screen shots:



```
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_156 Lab 3_Part_2_2022.py
How many scoops would you like? 1
Would you like a waffle cone? y/n: n

The price per scoop is $2.75
You ordered 1 scoop
Your total cost is $2.75
Thank you for using the program
>>>
= RESTART: I:/!HowardCC/CMSY156-Spring2023/Lab-Ans/CEdwards_156 Lab 3_Part_2_2022.py
How many scoops would you like? 2
Would you like a waffle cone? y/n: y
The price of a waffle cone is $1.55

The price per scoop is $2.75
You ordered 2 scoops
Your total cost is $7.05
Thank you for using the program
>>>
= RESTART: I:/!HowardCC/CMSY156-Spring2023/Lab-Ans/CEdwards_156 Lab 3_Part_2_2022.py
How many scoops would you like? 3
Would you like a waffle cone? y/n: n

The price per scoop is $2.10
You ordered 3 scoops
Your total cost is $6.30
Thank you for using the program
>>>
= RESTART: I:/!HowardCC/CMSY156-Spring2023/Lab-Ans/CEdwards_156 Lab 3_Part_2_2022.py
How many scoops would you like? 4
Would you like a waffle cone? y/n: Y
The price of a waffle cone is $1.55

The price per scoop is $2.10
You ordered 4 scoops
Your total cost is $9.95
Thank you for using the program
>>>
= RESTART: I:/!HowardCC/CMSY156-Spring2023/Lab-Ans/CEdwards_156 Lab 3_Part_2_2022.py
How many scoops would you like? -3
You asked for -3 scoops. You must order one or more scoops.
Thank you for using the program
>>>
= RESTART: I:/!HowardCC/CMSY156-Spring2023/Lab-Ans/CEdwards_156 Lab 3_Part_2_2022.py
How many scoops would you like? 0
You asked for 0 scoops. You must order one or more scoops.
Thank you for using the program
>>>
```

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 of the requirements for this lab.

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

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