

Z. Khan

CIS-105 – Spring 2021

Lab #1 – Chapter 2 Maria Burness

-75

Lab #1 Rubric

1. Problem 1 - Personal Information (5 points)

nicely done!

4

(4) Use print statements to display your name, favorite ice cream flavor, and favorite season of the year in complete sentences.

1

(1) include an appropriate comment in your code.

2. Problem 2 – Carroll County Property Taxes (15 points)

nicely done!

2

(2) Give purpose of the program to the user using print statement.

1

(1) Store the Carroll County tax rate in a variable called "CARROLL_PROP_TAX_RATE" at the beginning of your program and use this variable in your calculations so as to not have "magic numbers."

2

(2) Prompt the user for the assessed property value and store it in an appropriate variable.

4

(4) Calculate the Carroll County property tax amount correctly. Use the variables listed above to make this calculation.

4

(4) Display the amount of property tax to the user, rounded to the nearest cent (two decimal places; \$0.01) and include \$ as your units in front of the numerical value.

2

(2) Include appropriate comments in your code.

3. Problem 3 – Teaspoon to Milliliter Converter (10 points)

2

(2) Give purpose of the program to the user using print statement.

2

(2) Prompt the user for the number of teaspoons (tsp) and store it in an appropriate variable.

2

(2) Code the formula correctly.

1

(2) Display the results to the user to the nearest tenth (one decimal place; 0.1). Include milliliters (mL) as units after the numerical value.

2

(2) Include appropriate comments in your code.

4. Problem 4 - Currency Converter U.S. Dollar to British Pound Sterling (10 points)

2

(2) Give purpose of the program to the user using print statement.

1

(2) Prompt the user for a U.S. dollar amount to the nearest cent (two decimal places; \$0.01) and store in an appropriate variable.

2

(2) Code the formula correctly.

2

(2) Display the results to the nearest cent (two decimal places; \$0.01). Include £ using Unicode and place it in front of the numerical value.

2

(2) Include appropriate comments in your code.

*When I enter in US dollars 100.55,
I get an error message.*

5. Problem 5 - Turtle Graphics Drawing – Irish Flag (10 points)

- 2 (2) Give purpose of the program to the user using print statement.
- 2 (2) Code has the import command.
- 3 (4) Irish flag reproduced with correct colors and border in same-sized rectangles.
- 2 (2) Include appropriate comments in your code.

Lab #1 Total = 47 / 50 points