BIT 100 - ASSIGNMENT 1 E1900344

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Submission date: 11-Mar-2020 12:20PM (UTC+0800)

Submission ID: 1273449359

File name: assignment1.docx (34.31K)

Word count: 1817

Character count: 10224

ASSIGNMENT 1 BIT 100 – INTRODUCTION TO PROGRAMMING



Name: I Nyoman Surya Pradipta Student ID: E1900344

```
Source Code
```

```
total additional charge = additional_charge * surcharge
```

```
# Repetition builds up a string by multiple concatenations of a
# string with itself (*)
print(45 * "-")

# "format ()" function is used to fix the dot number format,
# to two digits behind the comma.
print("Total $" f"{format(total transactions, '.2f'):>38}")
print(45 * "=")

# This function takes one parameter,
# representing the total collection of the day or an appropriate message.

def displayfinalresult(total_collection):
    print("\nTotal collection: $", format(total_collection, '.2f'))

# Execute the function:

main()
```

```
Output
```

/Users/suryapradipta/PycharmProjects/untitled/venv/bin/python "/Users/suryapradipta/Desktop/Python Assignment 1/assignment1.py" The purpose of this program is to help Crystal Clear owners to calculate each customer's cost based on the number of photos 4R and 5R printed. What is your name? (<Enter> to quit):

No transactions for the day.

Process finished with exit code 0

What is your name? (<Enter> to quit): Jeremy
Enter number of 4R followed by 5R photo to print (e.g. 10, 0): 0, 0
User will not enter both zeros for the number of photos to be printed.
Enter number of 4R followed by 5R photo to print (e.g. 10, 0): -5, 10
Enter number of 4R photo: 10
Bill for Jeremy

20 photos 6.00
- 10 4R photos @\$0.25 2.50
- 10 5R photos @\$0.35 3.50

Delivery cost 13.55
~ First 50 or part of: 13.55

Total \$ 19.55

What is your name? (<Enter> to quit): Zein Enter number of 4R followed by 5R photo to print (e.g. 10, 0): -10, -45 You must enter both positive integers! Enter number of 4R followed by 5R photo to print (e.g. 10, 0): -9, 45 Enter number of 4R photo: 0 Bill for Zein

45 photos 15.75 - 45 5R photos @\$0.35 15.75

```
Delivery cost
                                  13.55
~ First 50 or part of: 13.55
Total $
_____
What is your name? (<Enter> to quit): Wahyu
Enter number of 4R followed by 5R photo to print (e.g. 10, 0): 2500, 2500
Bill for Wahyu
5000 photos
                                1500.00
- 2500 4R photos @$0.25 625.00
- 2500 5R photos @$0.35 875.00
Delivery cost
                                 879.80
                    13.55
~ First 50:
~ 495 x 10 or part of @$1.75 866.25
Total $
                               2379.80
_____
What is your name? (<Enter> to quit): Ari
Enter number of 4R followed by 5R photo to print (e.g. 10, 0): -25, -21
You must enter both positive integers!
Enter number of 4R followed by 5R photo to print (e.g. 10, 0): -25, -21
You must enter both positive integers!
Enter number of 4R followed by 5R photo to print (e.g. 10, 0): -25, -21
You must enter both positive integers!
Enter number of 4R followed by 5R photo to print (e.g. 10, 0): 25, 21
Bill for Ari
______
46 photos
                                  13.60
- 25 4R photos @$0.25 6.25
- 21 5R photos @$0.35 7.35
Delivery cost
                                  13.55
~ First 50 or part of: 13.55
Total $
                                  27.15
_____
What is your name? (<Enter> to quit):
Total collection: $ 2489.40
```

Process finished with exit code 0

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