Date Released: Saturday, April 23, 2022

Due Date: Tuesday, April 26, 2022

Coding Assignment - VI

Read the Instructions Carefully

Madam Jessica Hanson is a fruit seller. She sells watermelon, pineapple, orange and grapes. Table I shows the unit prices of each fruit she sells. Madam Hanson gives a discount to her customers based on the number of items bought; shown in Table II. Write a computer program to assist Madam Hanson to determine the payable amount of any customer.

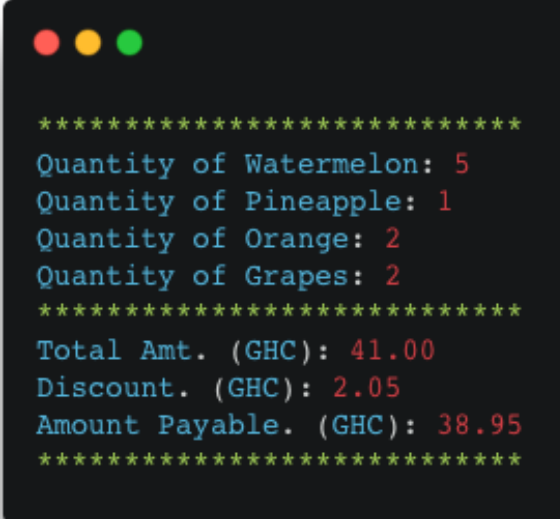Table I: The Unit Price of Each Fruit Sold by Madam Hanson.

Fruits	Unit Price (GHC)
Watermelon	4.0
Pineapple	5.0
Orange	1.0
Grapes	7.0

Table II: Discount Per Number of Items Bought.

Discount (%)	Number of Items (N)
0	< 2
2	$2 < N \leq 5$
5	$5 < N \leq 10$
10	$N > 10$

Coding Specifications:

1. You are required to ask the user for the input of the quantity of watermelon, pineapple, orange and grapes he/she is buying.

2. Define a global constant for the fruits' unit prices. Use **CONST** not #**define**.

3. Apply a control flow to determine how much discount the person will receive and calculate the amount payable.

4. Choose your data types cautiously.

5. Your program should work as shown in the figure below. All computed operations should be formatted to 2 decimal places (2 dp).

```
***************************
Quantity of Watermelon: 5
Quantity of Pineapple: 1
Quantity of Orange: 2
Quantity of Grapes: 2
***************************
Total Amt. (GHC): 41.00
Discount. (GHC): 2.05
Amount Payable. (GHC): 38.95
***************************
```