

GTS123 Lab Final Quiz 1/2023

Q2

Imagine you're running a fruit shop with an inventory of 50 units for each fruit. Write a Python program that lets a customer choose the fruits they want to buy. If a chosen fruit is out of stock, the program should inform the customer and calculate the total price for the available fruits, along with displaying the remaining stock.

Mangoes cost 13 Baht each, Durians cost 50 Baht each, Pineapples cost 40 Baht each, bananas cost 5 Baht each, and watermelons cost 30 Baht each.

Example 1 (user inputs are in *italics*)

```
The items currently in stock along with their respective quantities:
{'Mango': 50, 'Durian': 50, 'Pineapple': 50, 'Banana': 50,
'Watermelon': 50}
```

Input Fruit Items: *Watermelon 1, Durian 2, Pineapple 3*

The overall amount due for your order = 250

Here are the remaining items and their corresponding quantities:
{'Mango': 50, 'Durian': 48, 'Pineapple': 47, 'Banana': 50, 'Watermelon': 49}

Example 2 (user inputs are in *italics*)

```
The items currently in stock along with their respective quantities:
{'Mango': 50, 'Durian': 50, 'Pineapple': 50, 'Banana': 50,
'Watermelon': 50}
```

Input Fruit Items: *Watermelon 1, Durian 2, Pineapple 3, Apple 3*
Sorry, Apple is not available

The overall amount due for your order = 250

Here are the remaining items and their corresponding quantities:
{'Mango': 50, 'Durian': 48, 'Pineapple': 47, 'Banana': 50, 'Watermelon': 49}

Example 3 (user inputs are in *italics*)

```
The items currently in stock along with their respective quantities:
{'Mango': 50, 'Durian': 50, 'Pineapple': 50, 'Banana': 50,
'Watermelon': 50}
```

Input Fruit Items: *Cherry 7, Pineapple 2, Durian 1, Papaya 3*
Sorry, Cherry is not available
Sorry, Papaya is not available

The overall amount due for your order = 130

Here are the remaining items and their corresponding quantities:
{'Mango': 50, 'Durian': 49, 'Pineapple': 48, 'Banana': 50, 'Watermelon': 50}