

**Date Released:**

Friday, March 25, 2022

**Due Date:**

Sunday, March 27, 2022

## Coding Assignment - III

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### Read the Instructions Carefully

Ataa Gob3 is one of the popular food joints around Engineering Gate. Most students go there to enjoy their delicious Gob3. The common combination used is beans and gari, ripe plantain, plain rice, and an egg. Regular students are given some discount on the food they buy. Write a program to calculate the price a student is expected to pay for a particular food bought.

#### **Specification:**

1. Ask the user to input the amount in GHC for Gari and Beans.
2. Ask the user to input the amount in GHC for Ripe Plantain.
3. Ask the user to input the amount in GHC for Plain Rice.
4. Ask the user to input the amount in GHC for an Egg.
5. Ask the user to input the percentage discount.
6. Calculate the price (2 d.p.) the student is supposed to pay.

**NB:** The program should be able to accept decimal numbers; e.g. 1.5

A sample output is shown below:



```
Gari and Beans (GHC): 2
Ripe Plantain (GHC): 3
Plain Rice (GHC): 2
Egg (GHC): 1.2
Discount (Percentage): 5
*****
Sub-Total: 8.20
*****
Discount: 0.41
*****
Total (GHC): 7.79
*****
```

## **How to upload your code**

1. Click [here](#) to upload your assignment.
2. In your project folder, identify the **main.c** and rename it to your index number. For instance, If my index number is **2053244**, the name of the file will be **2053244.c**  
**Do not add another ".c" to the file name again.**
3. Failure to use the correct format in naming your file will lead to your code not being graded.