Date Released: Wednesday, April 6, 2022

Due Date: Friday, April 8, 2022

Coding Assignment - IV

Read the Instructions Carefully

Mr Hanson is a businessman who owns a number of VIP buses. He pays his drivers on a daily basis. Each driver is paid 30% of the overall total sales made in a day. Mr Hanson would like to know the total amount he is to pay his drivers from Monday to Friday, together with the total amount for the week. Table 1 shows the average daily sales made by each driver for the respective week days. As an engineering student, write a computer program to assist Mr Hanson.

Your computer program should provide Mr Hanson with the total amount he is supposed to pay his drivers and also display a total summary of the amount payable for the whole five week days.

Table 1: The Average Daily Sales Made by Each Driver for the Respective Week Days.

Day	Number of Drivers	Average Sales per Each Driver (GHC)
Monday	120	1200
Tuesday	110	1350
Wednesday	95	1100
Thursday	125	1400
Friday	114	1300

Code Specification:
1. Define a global constant variable for the percentage payable amount.
2. Write a subroutine called **calculatePayableDailySales** which takes the number of drivers and the average sales per each driver as input parameters. It should return the amount payable for a particular day's sales made. Do not pass the global constant variable as an input to the subroutine.

3. Choose your data type cautiously.
4. A sample output of the code is shown below. All computations must be rounded to 2 decimal places.

```
Monday:                                    43200.00
Tuesday:                                   44550.00
Wednesday:                                 31350.00
Thursday:                                  52500.00
Friday:                                    44460.00
*************************************************
Total Weekly Payable Amount (GHC):  216060.00
*************************************************
```

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.