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Description of the Code

Git hub, URL: https://github.com/papakofifog/Gpa_Calculator.git

Grade calculator is a program which helps student calculate a semesters over all GPA.

This is how the program works:

The first function called `Courses_taken()`; request for the number of courses the user took for that semester. It uses the number of courses taken to get the name, credit-hours and grade of the courses taken from the user.

The second function called `grade_allocation()`; interact with the dictionary containing the course and their credit hours and grade. To calculate the overall grade for the subjects the user took for the semester.

The third function called `Informaion()`; prints out the introduction, the string form of the dictionary of courses provided and the overall grade point acquired for that semester.

How the program works:

You first run the program on any python environment or tool, say Thonny or Python Idle.

The program runs by

Hello and welcome to "Gpa calculator "

Gpa Calculator is used to calculate the your gpa for a semester.

All you need to do is follow the prompts and u should be fine.

How many courses you took for that semester: 2

Enter the course Name: Data Structures

Enter Data structures ('s) Grade: c

Enter the Data structures credit hours: 1.0

Enter the Course Name: Leadership

Enter the Leadership (s) Grade: a+

Enter Leadership ('s) credit-hours: 1.0

Total Gpa is: 6.0

Courses You took this semester are

{'Data structures' : ['C', 1.0], 'Leadership' : ['A+', 1.0]}

Gpa Score for the semester: 3.0