

Challenge

You are required to write a console application that models a Grade Point Average (GPA) calculator and prints the result.

The result should be displayed in a tabular form as shown below:

COURSE & CODE	COURSE UNIT	GRADE	GRADE-UNIT
MATH 101	5	B	4
GS 101	3	A	5
.NET 101	5	C	3
C# 101	5	B	4
HCI 101	3	A	5

Your GPA is = 4.10 to 2 decimal places.

For reference, GPA is calculated as follows:

$$\text{GPA} = (\text{total quality point}) / (\text{total grade unit});$$

where :

$$(\text{quality point}) = (\text{course unit}) * (\text{grade unit});$$

See grading system below:

Score	Grade	Point	Remark
70-100	A	5	Excellent
60-69	B	4	Very Good
50-59	C	3	Good
45-49	D	2	Fair
40-44	E	1	Pass
0-39	F	0	Fail

Functional requirements

- The calculator should have a grading system that grades the score dynamically

Task Story

As a ** User **

I want to be able to input course name and code, course unit, course score; one after the other so that the calculator will calculate the score grade and record it before the total result and GPA is displayed.

Acceptance criteria

- The grade should be calculated using the grading system given above
- The GPA should be calculated using the formula given above
- Task should be submitted on or before the time allotted.
- Task must be completed.