

# Day 6 Homework

You have been placed in charge of digitizing a school's student records. Remembering what you learned at Austin Coding Academy, you decide to use classes to tackle this task.

Write `class Student`. A `Student` has a name, grade point average, and number of credit hours.

A `Student` is considered `full-time` if (s)he is taking at least 12 hours. Write method `enrollment_status` that returns `full-time` if the student is full-time, or `part-time` otherwise.

`Student`s are graded on a 4.0 GPA scale. For the purposes of this problem, we'll use the following scale:

- `>= 3.0`: A
- `>= 2.0`: B
- `>= 1.0`: C
- `< 1.0`: F

Write method `letter_grade` that returns a student's letter grade based on his/her GPA.

Given your implementation of `class Student`, the following test code should work:

```
// create a Student named Bob with a GPA of 4.0 who is taking 15 credits
$bob = new Student("Bob", 2.8, 15);
echo $bob->enrollment_status(); // prints "full-time"
echo $bob->letter_grade(); // prints 'B'

$alice = new Student("Alice", 4.0, 10);
echo $alice->enrollment_status(); // prints "part-time"
echo $alice->letter_grade(); // prints 'A'
```