

Challenge 2: Letter Grade to GPA

In this challenge, you will implement a method which converts the Letter grade to GPA.

We'll cover the following

- Problem statement
- Coding Exercise

Problem statement

There are many school systems that give standardized GPA points instead of letter grades and vice versa. To bring all these institutions on the same grade scale, we have hired you! Your job is to take a **letter grade** and change it to the required **GPA point**.

Coding Exercise

Write a method called `** letterToGPA**` that takes in a **String** value and returns the correct **decimal GPA point**, with respect to the scale given below:

- A+: 4
- A: 4
- A-: 3.7
- B+: 3.3
- B: 3
- B-: 2.8
- C+: 2.5
- C: 2
- C-: 1.8
- D: 1.5
- F: 0

If any other grade is given, simply return a `-1`.

Hint: Revise conditionals and see what helps keep your code short and brief

Only write the code where instructed in the snippet below.

Test your code against our cases and see if you can pass them.

The solution is given in case you get stuck and the next lesson will include a review of the solution, but it is **highly recommended** that you try it yourself first!

Good Luck!

```
class gpaHelper{  
    public static double letterToGPA(String grade) {  
        //Write your code here  
        //Change the return statement according to what should be returned  
        return -10.0;  
    }  
}
```



If you need some help with understanding this code, turn to the next lesson for the *Solution Review* of this challenge!