



PROMINEO TECH

Intro to Java Week 5 Coding Assignment

Points possible: 75

URL to GitHub Repository:

<https://github.com/CamiGrace/Week5Project>

URL to Public Link of your Video:

<https://youtu.be/5A4doejLybs>



Intro to Java Week 5 Coding Assignment

Coding Steps — Object Oriented Programming:

1. Create an interface named `Logger`.
2. Add two void methods to the `Logger` interface, each should take a `String` as an argument
 - a. `Log`
 - b. `Error`
3. Create two classes that implement the `Logger` interface
 - a. `AsteriskLogger`
 - b. `SpacedLogger`
4. The `log` method on the `AsteriskLogger` should print out the `String` it receives between 3 asterisks on either side of the `String` (e.g. if the `String` passed in is “Hello”, then it should print `***Hello***` to the console).
5. The `error` method on the `AsteriskLogger` should print the `String` it receives inside a box of asterisks, with the `String` preceded by the word “ERROR:”. For example, if “Hello” is the argument, the following should be printed:

```
*****  
***Error: Hello***  
*****
```

6. The `SpacedLogger` should add spaces between each character of the `String` argument passed into its methods.
7. If the `log` method received “Hello” as an argument, it should print `H e l l o`
8. The `error` method should do the same, but with “ERROR:” preceding the spaced out input (i.e. `ERROR: H e l l o`)
9. Create a class named `App` that has a `main` method.
10. In this class instantiate an instance of each of your logger classes that implement the `Logger` interface.
11. Test both methods on both instances, passing in `Strings` of your choice.