GitHub URL: https://github.com/Grnbaks005/Week-5-coding-assignment/tree/main

YouTube URL: https://youtu.be/NSLZ9iggllE

```java
package week5codingassignment;

public interface Logger {

  public void Log (String log); // interface method

  public void Error (String error); // interface method
}
```

```java
package week5codingassignment;

  // AsteriskLogger implements Logger interface
public class AsteriskLogger implements Logger {

  // This method overrides log of Logger()
  @Override
  public void Log(String log) {
    // prints out *** Supercalafragilisticexpealidocious ***
   System.out.println("*** " + log + " ***");
  }

//This method overrides error of Logger()
  @Override
  public void Error(String error) {

    int ast1 = error.length() + 13;
    String ast2 = "*".repeat(ast1); // will repeat String "*" with ast1
passed in to repeat method.
    System.out.println(ast2); // prints out 27 asterisks
    System.out.println("***ERROR: " + error + "***");
    System.out.println(ast2); // prints out 27 asterisks


  }


}// end of class



package week5codingassignment;

//SpacedLogger implements Logger interface
public class SpacedLogger implements Logger {
```

```java
//This method overrides log of Logger()
  @Override
  public void Log(String log) {

    for(int i = 0; i < log.length(); i++) {
      System.out.print(log.charAt(i) + " "); //prints out index of
characters length of log with space in between letters
    }
      System.out.println();

  }

//This method overrides log of Logger()
  @Override
  public void Error(String error) {
    System.out.print("ERROR: ");
    for(int i = 0; i < error.length(); i++) {
      System.out.print(error.charAt(i) + " "); //prints out index of
characters length of error with space in between letters

    }
      System.out.println();
  }


}



package week5codingassignment;

public class App {

  public static void main(String[] args) {

    Logger asteriskLogger = new AsteriskLogger();
    Logger spacedLogger = new SpacedLogger();

    asteriskLogger.Log("Supercalafragilisticexpealidocious");
    asteriskLogger.Error("Turn back now!");

    spacedLogger.Log("Charly");
    spacedLogger.Error("Sorry Charly");


  }

}
```