

https://github.com/lixy1979/java_week_05
<https://youtu.be/TVu-1N8HwfU>

```
package java_week_05;
```

```
public interface Logger {  
    public void log(String log);  
    public void error(String error);  
}
```

```
package java_week_05;
```

```
public class AsteriskLogger implements Logger {  
  
    @Override  
    public void log(String log) {  
        String line = buildlog(log);  
        System.out.println(line);  
    }  
  
    private String buildlog(String log) {  
        String line = "***" + log + "***";  
        return line;  
    }  
  
    @Override  
    public void error(String error) {  
        String line = buildlog(error);  
        String line1 = "";  
        for (int i = 0; i < line.length(); i++) {  
            line1 += "*";  
        }  
        System.out.println(line1);  
        System.out.println(line);  
        System.out.println(line1);  
    }  
}
```

```
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```

```
public class SpacedLogger implements Logger{  
  
    @Override  
    public void log(String log) {  
        String line = buildlog(log);
```

```

        System.out.println(line);
    }

    private String buildlog(String log) {
        String line = "";
        for (int i = 0; i < log.length(); i++) {
            line += Character.toString(log.charAt(i)) + " ";
        }

        line = line.trim();
        return line;
    }

    @Override
    public void error(String error) {
        System.out.print("ERROR: " + buildlog(error));
    }
}

```

```

package java_week_05;

public class App {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Logger logger = new AsteriskLogger();
        logger.log("Hello");
        System.out.println();
        logger.error("Hello");
        System.out.println();
        Logger logger1 = new SpacedLogger();
        logger1.log("Hello");
        System.out.println();
        logger1.error("Hello");
    }
}

```