

<https://github.com/keith1221221/week5>
<https://youtu.be/arR7vcDXxEc>

```
package week5assign;
```

```
public class Application {  
  
    public static void main(String[] args) {  
        Logger logger = new AsteriskLogger();  
        Logger slogger = new SpacedLogger();  
        logger.info("Hello");  
        logger.warning("STOP");  
        slogger.warning("BAM");  
        slogger.info("POW");  
    }  
}
```

```
package week5assign;
```

```
public interface Logger {  
  
    public void info(String info);  
    public void warning( String warning);  
}
```

```
package week5assign;
```

```
import java.util.Date;
```

```
public class AsteriskLogger implements Logger {  
  
    @Override  
    public void info(String info) {  
  
        Date date = new Date();  
        System.out.println(date.toString() + "   ***" + info +  
"***");  
    }  
  
    @Override  
    public void warning(String error) {  
  
        Date date = new Date();  
        System.out.println(date.toString());  
  
        System.out.println( "*****");  
    }  
}
```

```
        System.out.println("***** ERROR:" + error + "
*****");
```

```
    System.out.println("*****");
}
```

```
}

package week5assign;
```

```
public class SpacedLogger implements Logger {
```

```
    @Override
```

```
    public void info(String info) {
        char [] charArr = info.toCharArray();
        StringBuilder builder1 = new StringBuilder();
        for ( char char1 : charArr) {
            builder1.append(char1).append(" ");
        }
    }
```

```
        System.out.println(builder1);
```

```
}
```

```
    @Override
```

```
    public void warning(String warning) {
        char [] charArr = warning.toCharArray();
        StringBuilder builder = new StringBuilder();
        for ( char char1 : charArr) {
            builder.append(char1).append(" ");
        }
    }
```

```
        System.out.println("ERROR: " + builder);
```

```
}
```

```
}
```