

Exercise 1: Logging Error Messages and Warning Levels:

##LoggingExample.java

```
package org.apache.maven.archetypes.maven_archetype_quickstart;

import org.slf4j.Logger;
import org.slf4j.LoggerFactory;

public class LoggingExample {

    private static final Logger logger = LoggerFactory.getLogger(LoggingExample.class);

    public static void main(String[] args) {
        logger.error("This is an error message");
        logger.warn("This is a warning message");
    }
}
```

OUTPUT:

```
13:35:24.072 [main] ERROR org.apache.maven.archetypes.maven_archetype_quickstart.LoggingExample - This is an error message
13:35:24.076 [main] WARN  org.apache.maven.archetypes.maven_archetype_quickstart.LoggingExample - This is a warning message
```