Week 2

SLF4J logging framework_HandsOn

Exercise 1: Logging Error Messages and Warning Levels

Task: Write a Java application that demonstrates logging error messages and warning levels

using SLF4J.

Step-by-Step Solution:

1. Add SLF4J and Logback dependencies to your `pom.xml` file:

```
<dependency>

<groupId>org.slf4j</groupId>

<artifactId>slf4j-api</artifactId>

<version>1.7.30</version>

</dependency>

<dependency>

<groupId>ch.qos.logback</groupId>

<artifactId>logback-classic</artifactId>

<version>1.2.3</version>

</dependency>
```

2. Create a Java class that uses SLF4J for logging:

```
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");

}}

CODE :

LoggingExample.java

package com.example;

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 :