**Logging using SLF4J  
  
 Exercise 1: Logging Error Messages and Warning Levels**  
import java.util.logging.Logger;

import java.util.logging.Level;

public class LoggingExample {

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

public static void main(String[] args) {

// Log an error message

logger.log(Level.SEVERE, "This is an error message");

// Log a warning message

logger.log(Level.WARNING, "This is a warning message");

// Optional: Info message

logger.log(Level.INFO, "This is an info message");

}

}

