**Exercise 1: Logging Error Messages and Warning Levels**

**Code for LoggerDemo.java:**

package com.example.demo;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class LoggerDemo {

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

  public static void main(String[] args) {

    logger.info("This is an info message");

    logger.warn("This is a warning message");

    logger.error("This is an error message");

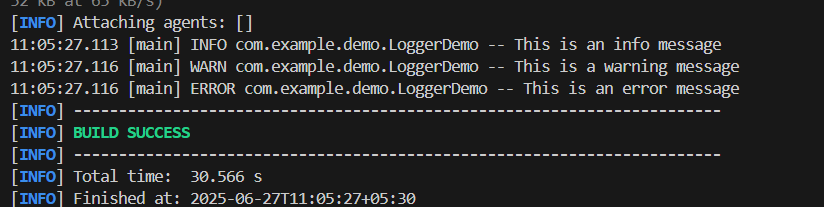
    logger.debug("This is a debug message");

    logger.trace("This is a trace message");

  }

}

**Output:**

****