**Logging Error and Warning Messages using SLF4J**

**📘 Task**

Demonstrate how to use **SLF4J** with **Logback** to log error messages and warning levels in a Java application. This example also includes a runtime exception to simulate an error scenario.

**🛠 Technologies Used**

* Java 8 or above
* Maven
* SLF4J API
* Logback (as SLF4J backend)
* VS Code

**📂 Files**

* **App.java** – Main class containing logging logic.
* **pom.xml** – Maven configuration with SLF4J and Logback dependencies.

**✅ Sample Output**

vbnet

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INFO com.example.App – Application started.

ERROR com.example.App – Error occurred while dividing numbers:

java.lang.ArithmeticException: / by zero

at com.example.App.divide(App.java:20)

...

WARN com.example.App – This is a warning: Low disk space.

INFO com.example.App – Application finished.