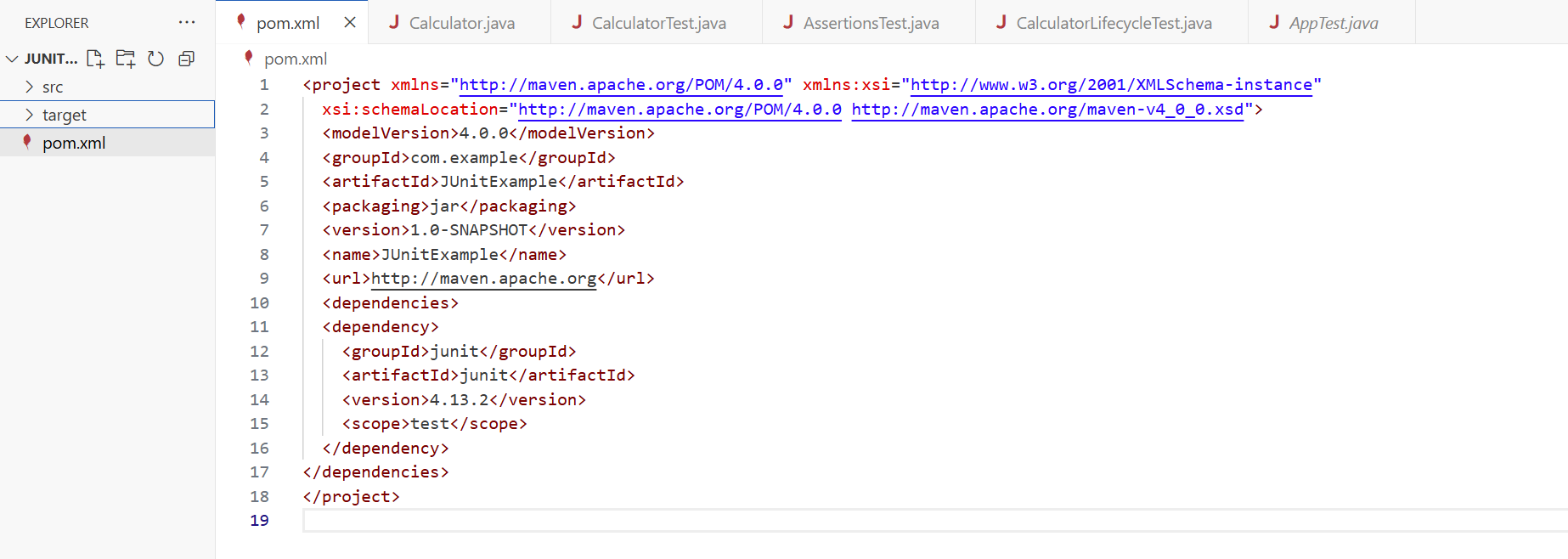
**JUNIT**

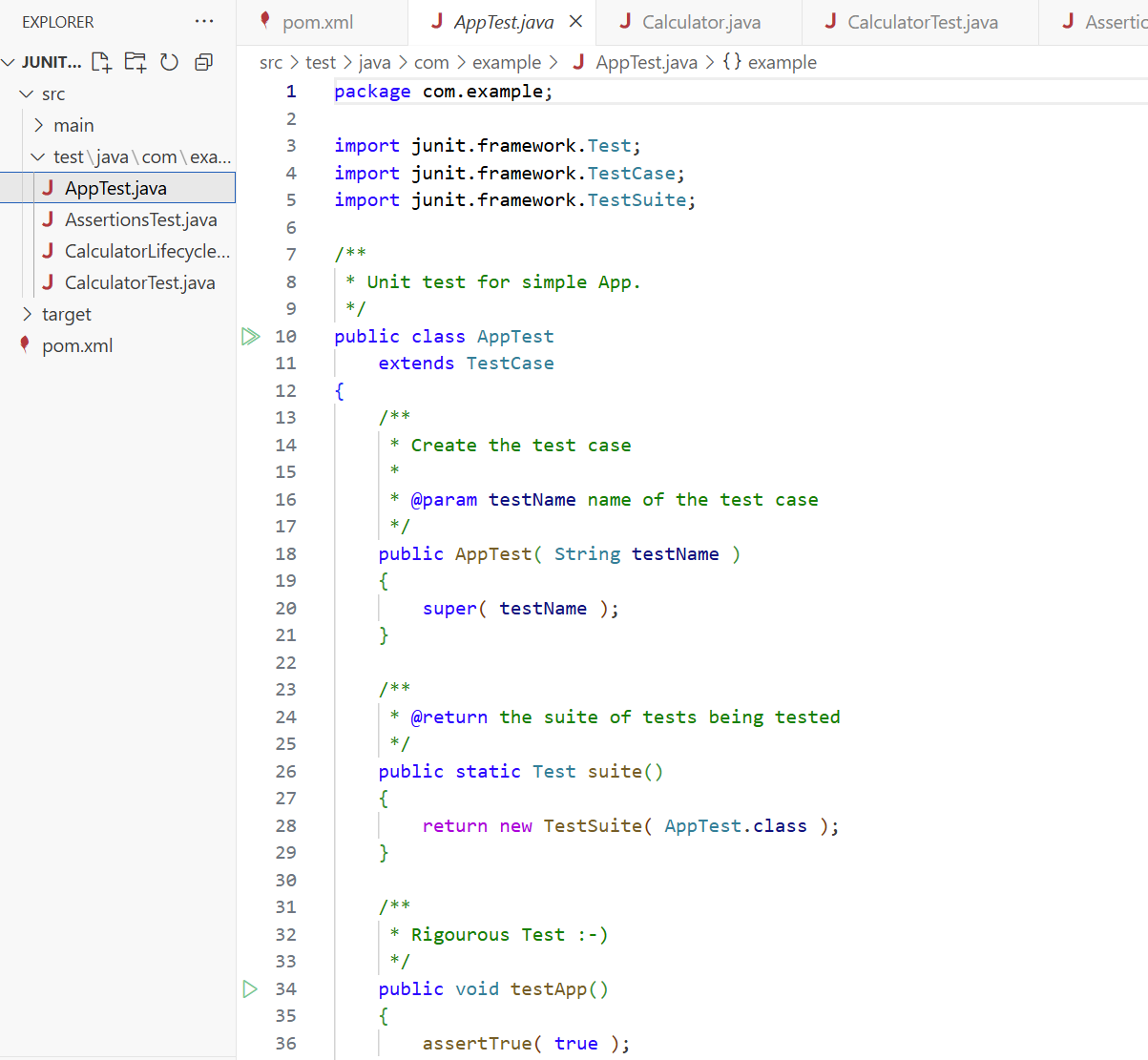
**MANDATORY**

**1. JUnit\_Basic Testing Exercises**

**Exercise 1: Setting Up Junit**

****

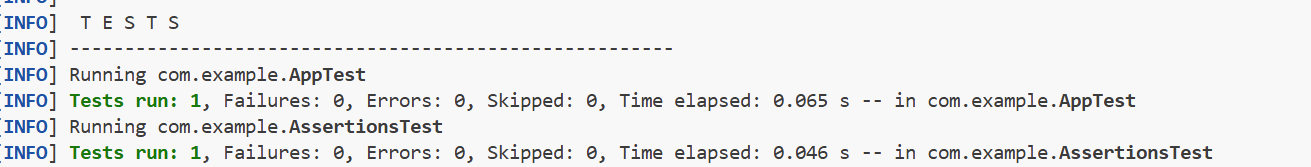
****

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**Exercise 3: Assertions in Junit**

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**OUTPUT:**

****

**Exercise 4: Arrange-Act-Assert (AAA) Pattern, Test Fixtures, Setup and Teardown Methods in Junit**

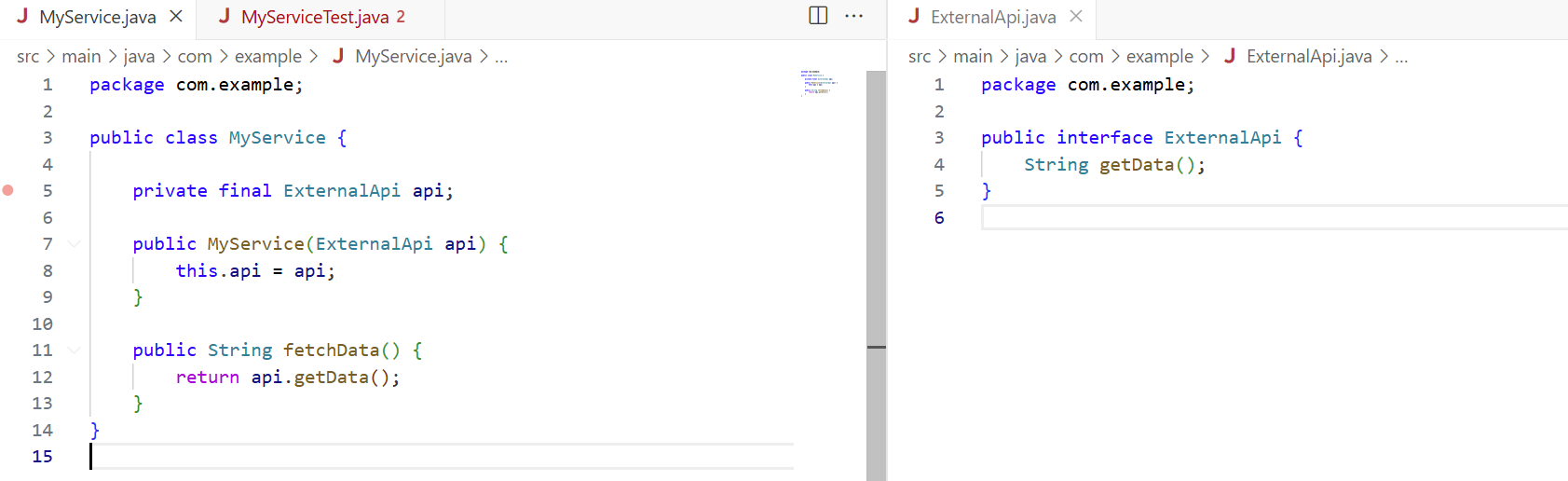
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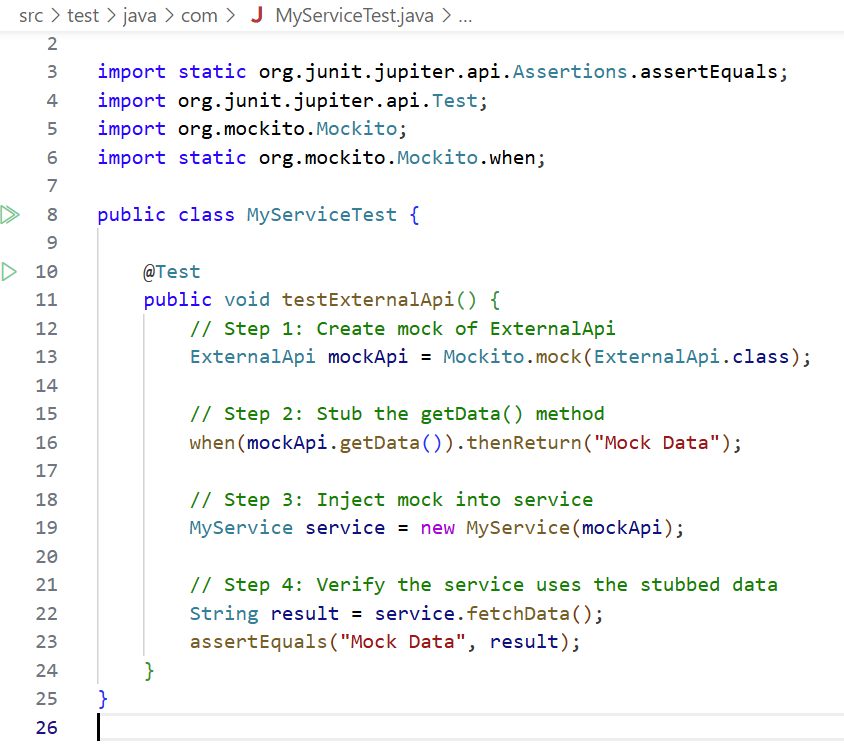
**OUTPUT:**

****

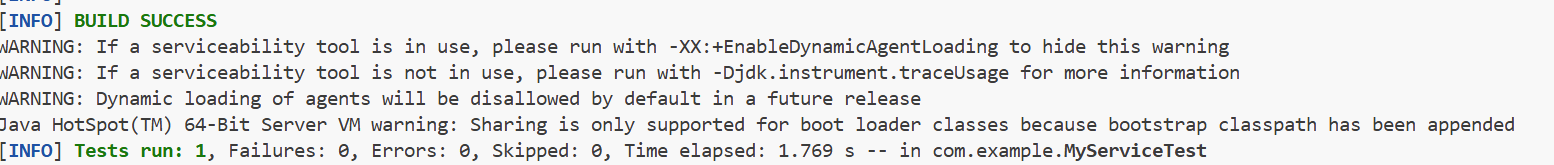
**3. Mockito exercises**

**Exercise 1: Mocking and Stubbing**

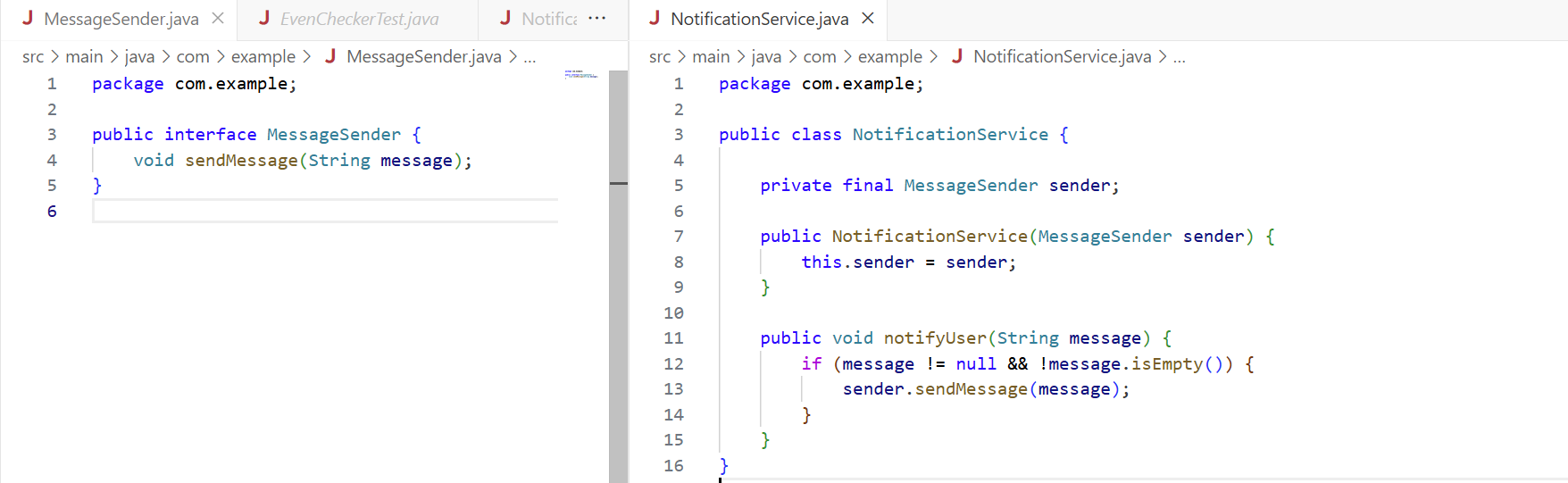
****

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**OUTPUT:**

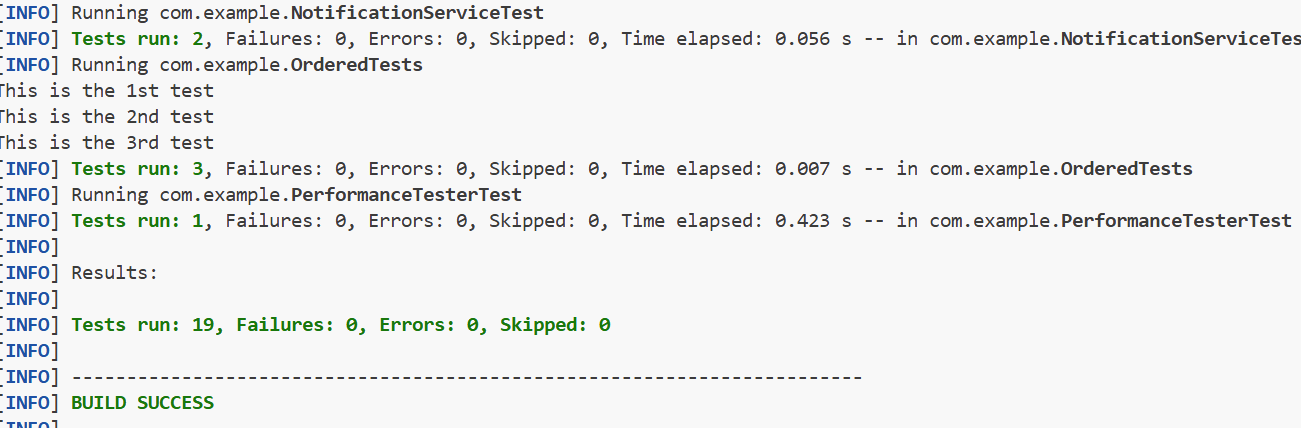
****

**Exercise 2: Verifying Interactions**

****

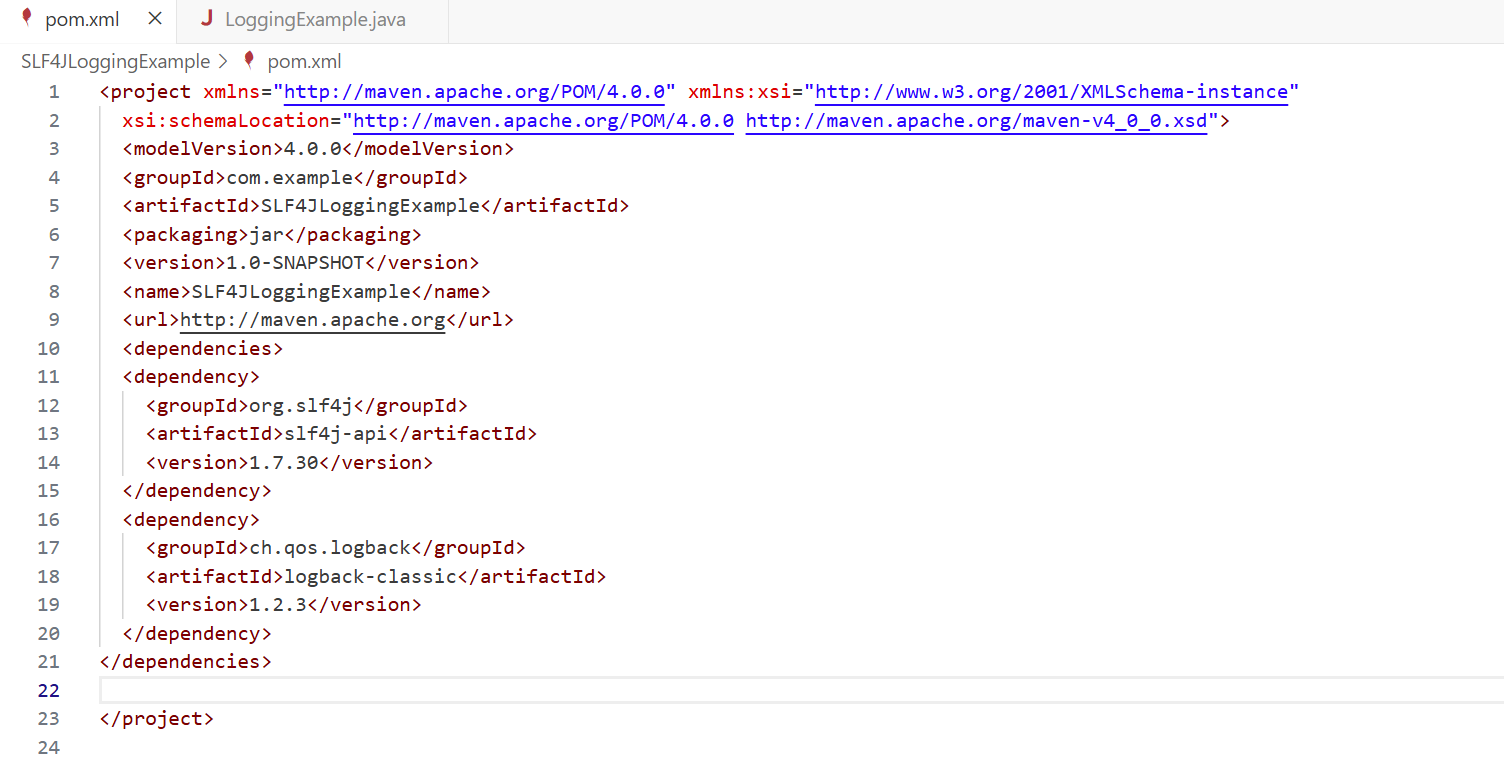
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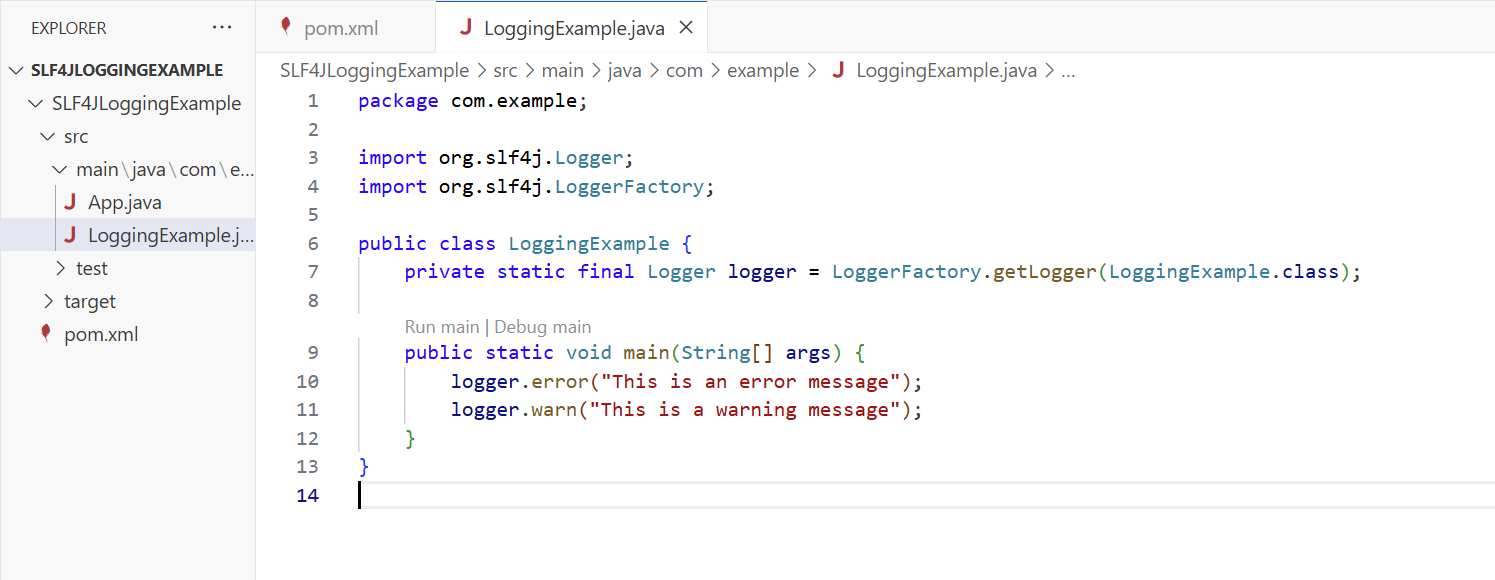
**OUTPUT:**

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**6. SL4J Logging exercises**

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

****

****

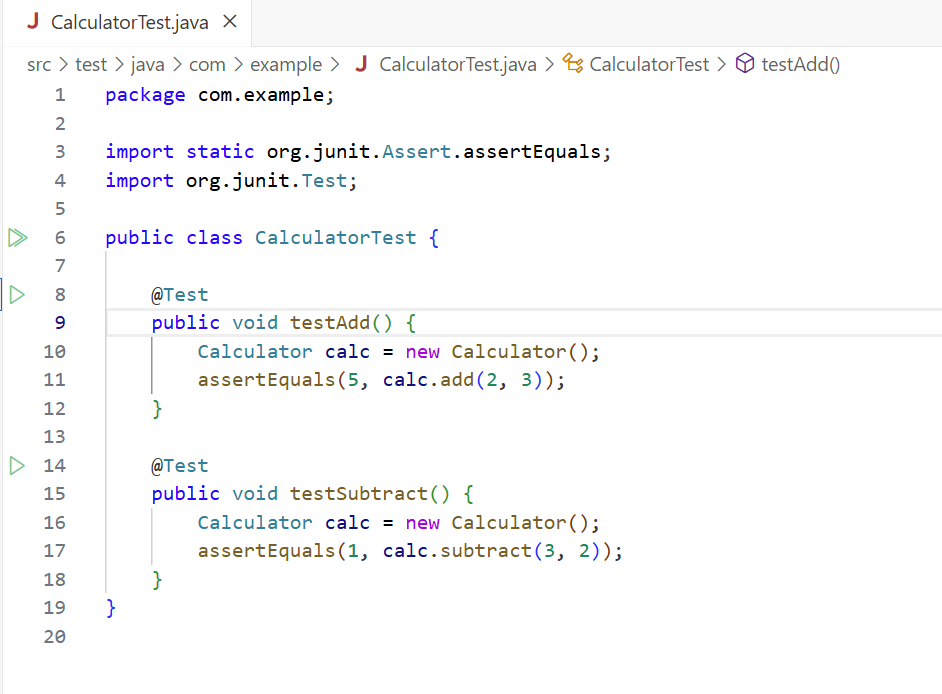
**OUTPUT:**

****

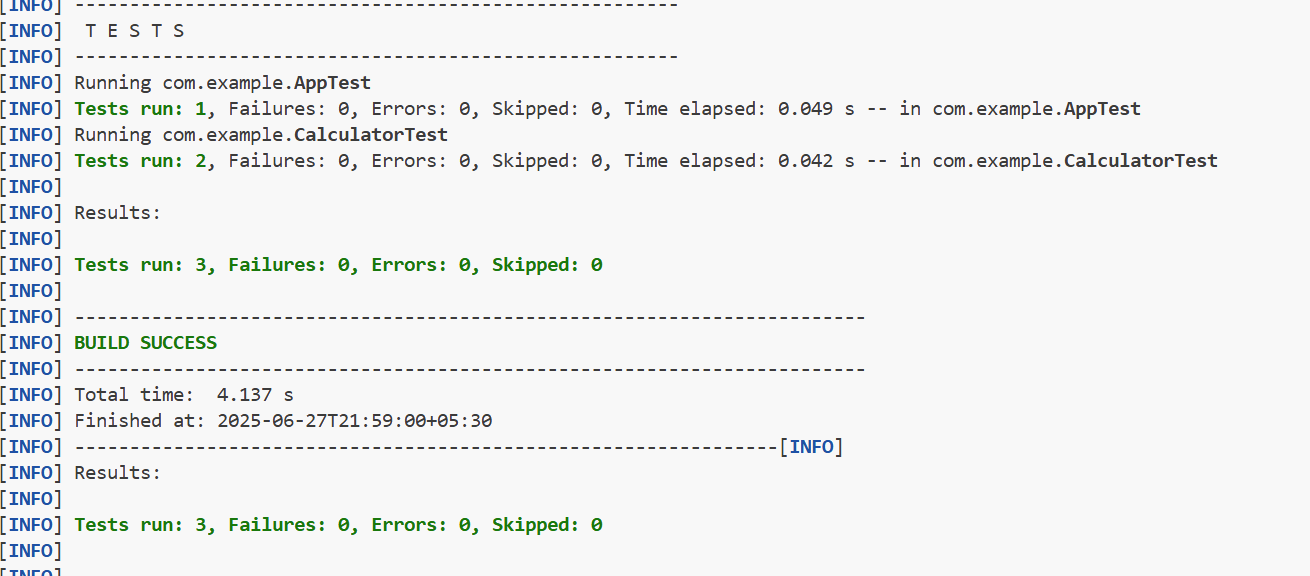
**ADDITIONAL**

**1. JUnit\_Basic Testing Exercises**

**Exercise 2: Writing Basic JUnit Tests**

****

**OUTPUT:**

****

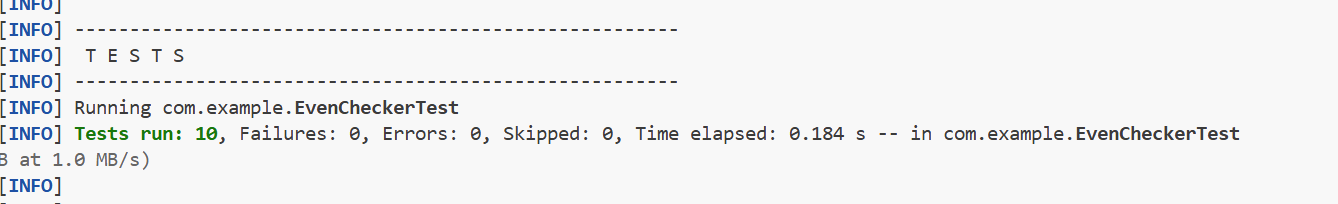
**2. JUnit\_Advanced Testing exercices**

**Exercise 1: Parameterized Tests**

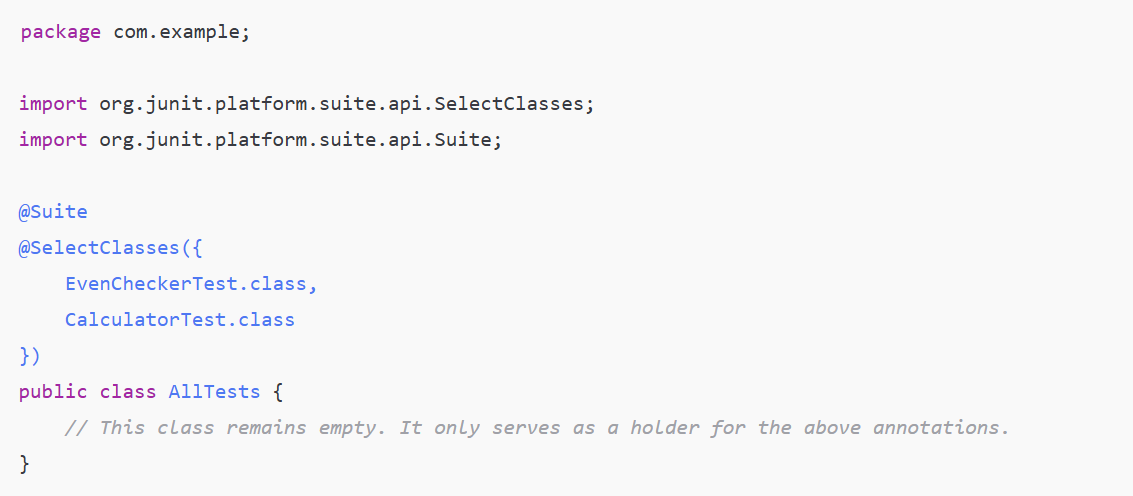
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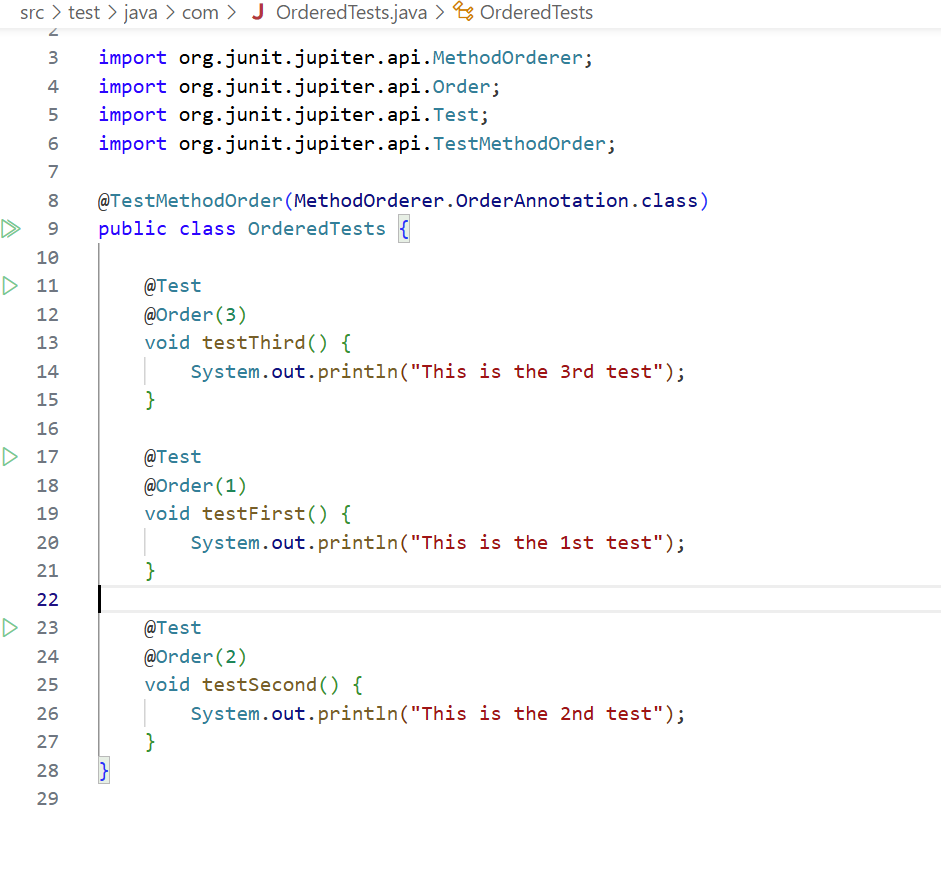
**OUTPUT:**

****

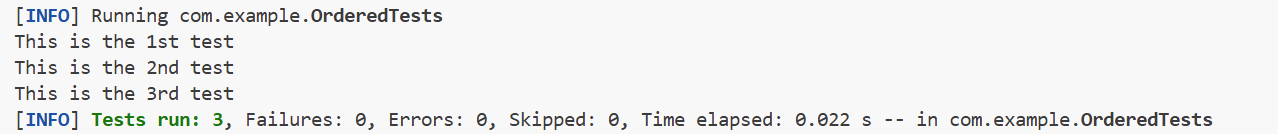
**Exercise 2: Test Suites and Categories**

****

**Exercise 3: Test Execution Order**

****

**OUTPUT:**

****

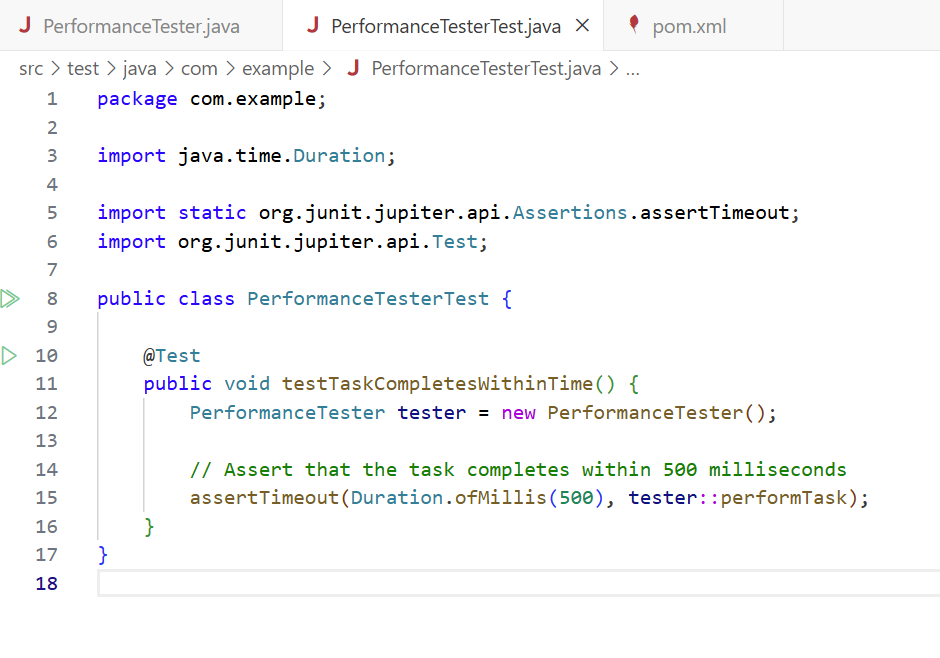
**Exercise 4: Exception Testing**

****

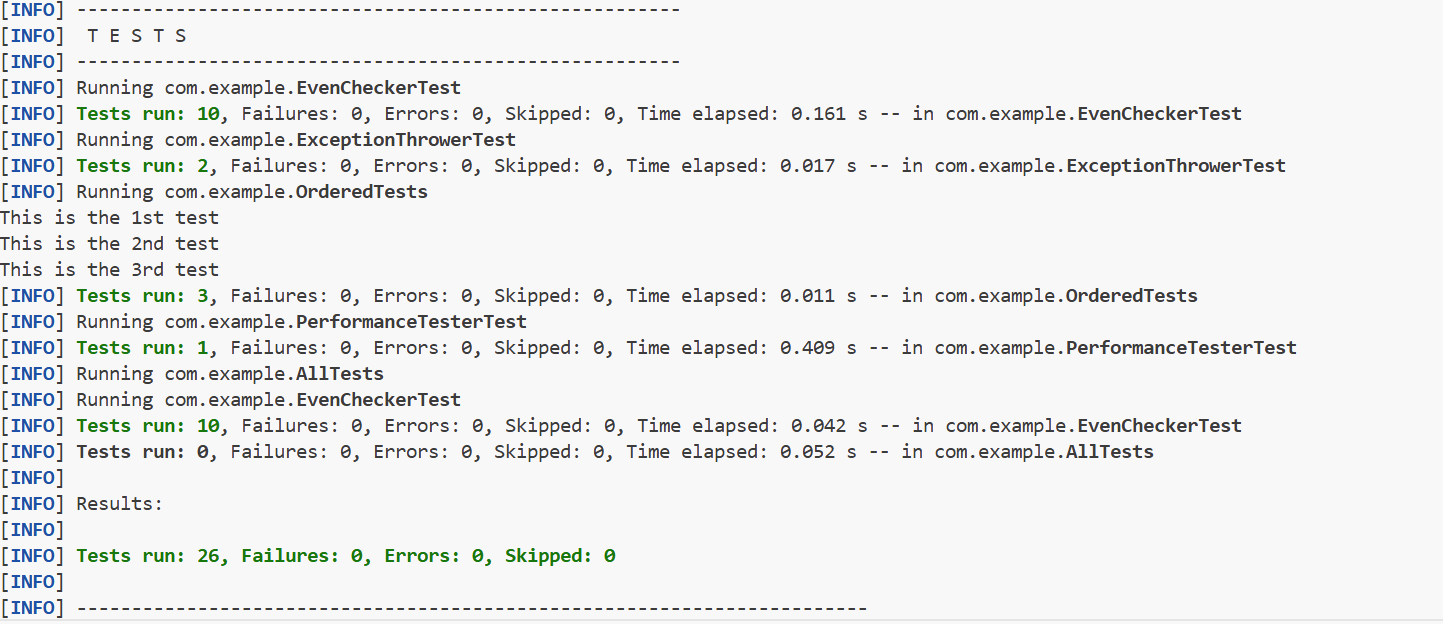
**OUTPUT:**

****

**Exercise 5: Timeout and Performance Testing**

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**OUTPUT:**

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**6. SL4J Logging exercises**

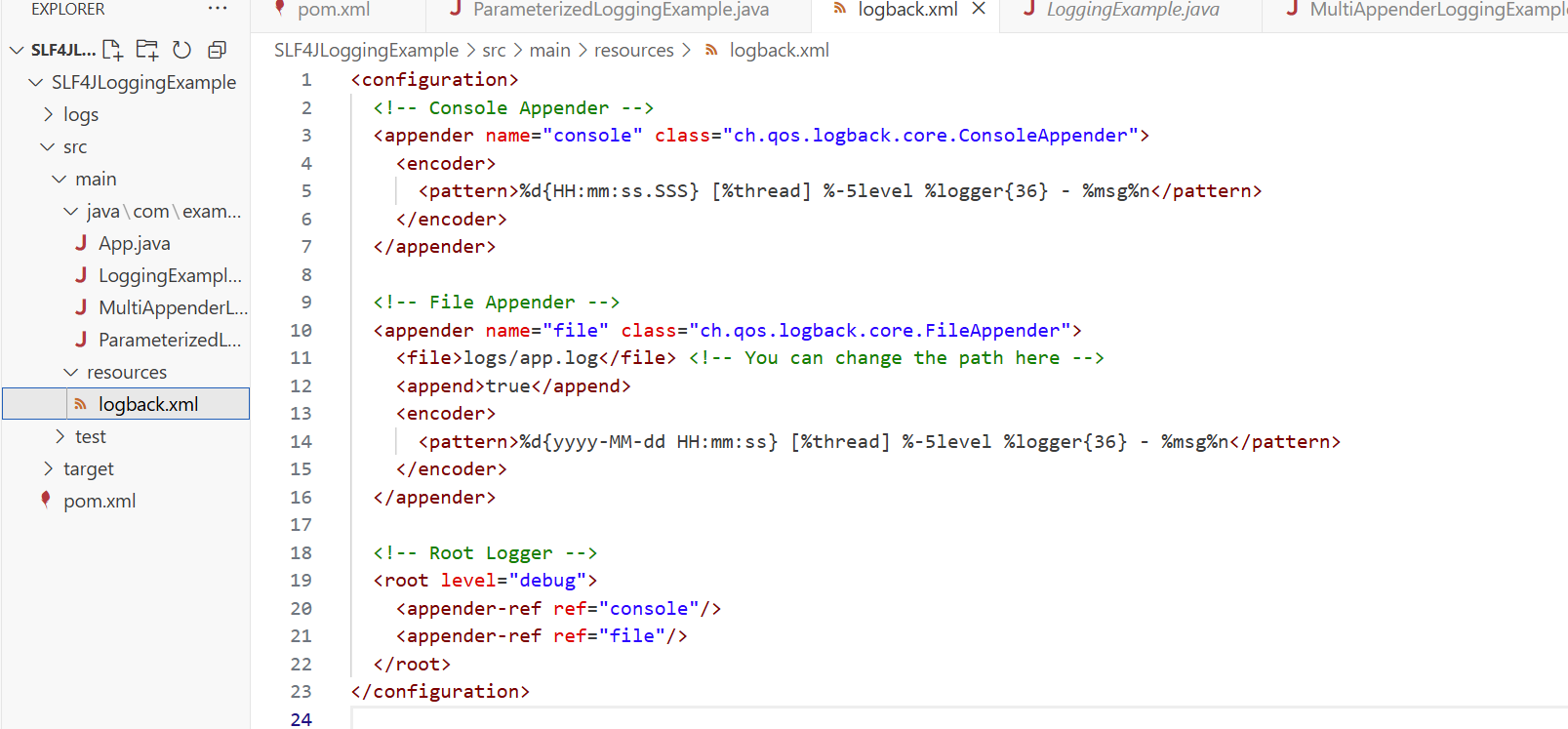
**Exercise 2: Parameterized Logging**

****

**OUTPUT:**

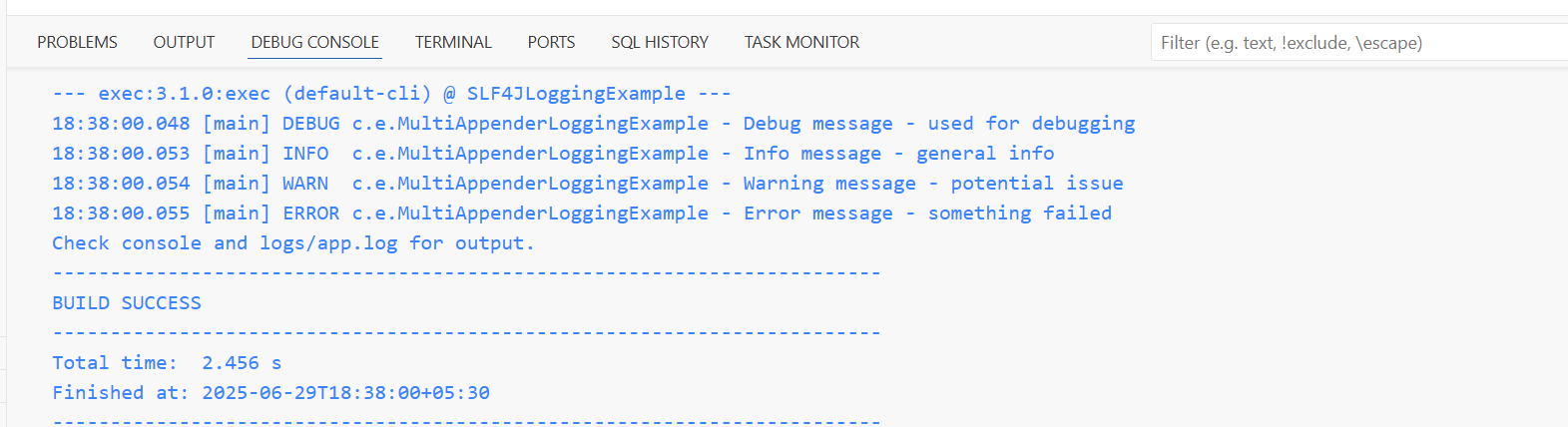
****

**Exercise 3: Using Different Appenders**

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**OUTPUT:**

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