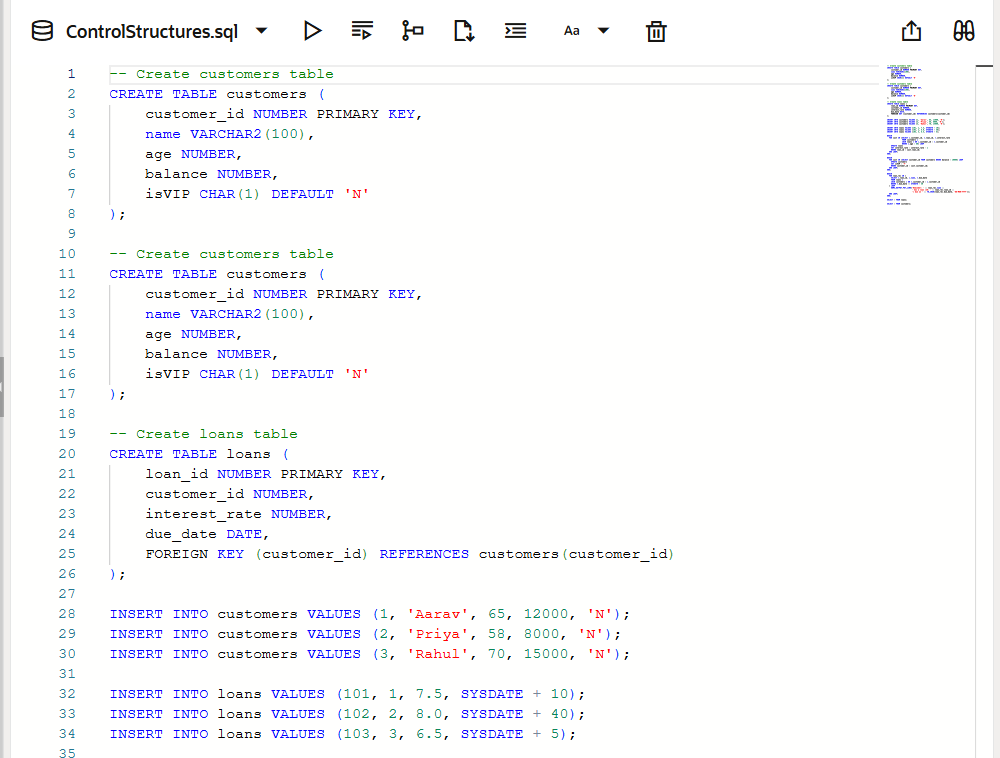
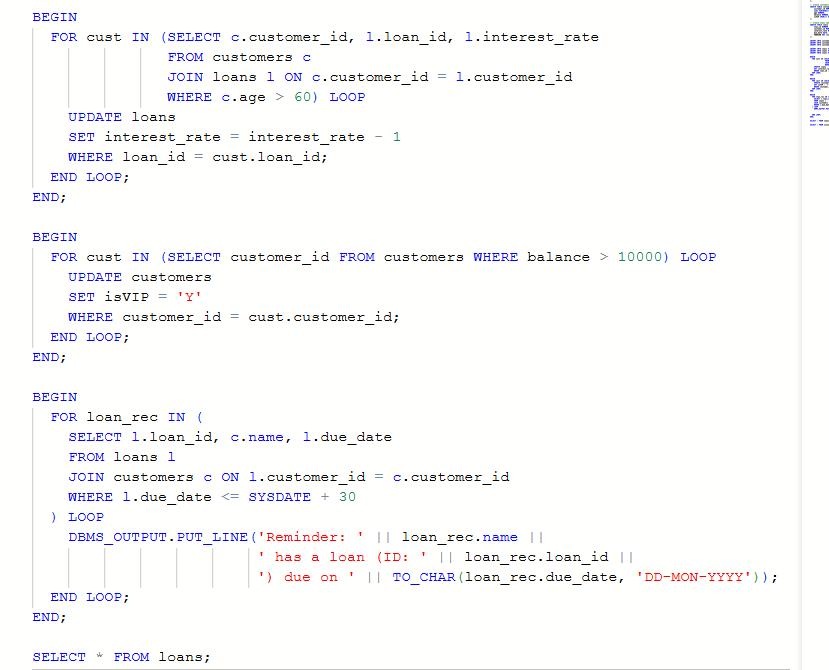
**WEEK-2**

**PLSQL\_EXERCISES**

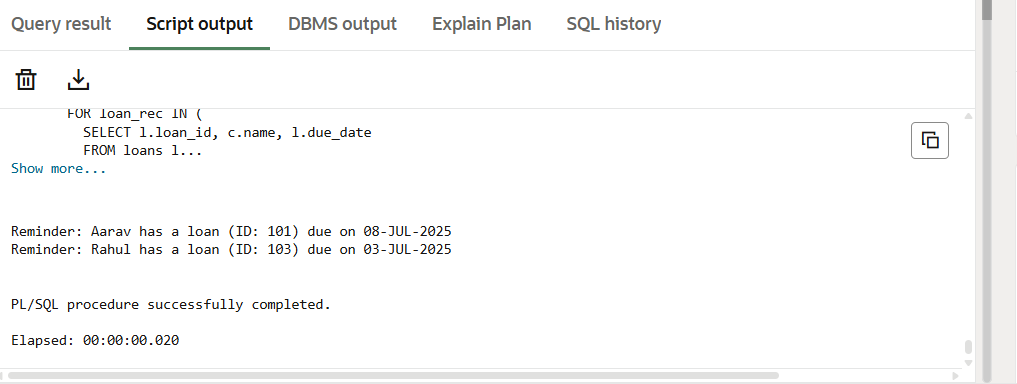
**EXERCISE 1: CONTROL STRUCTURES**

**ControlStructures.sql**

****

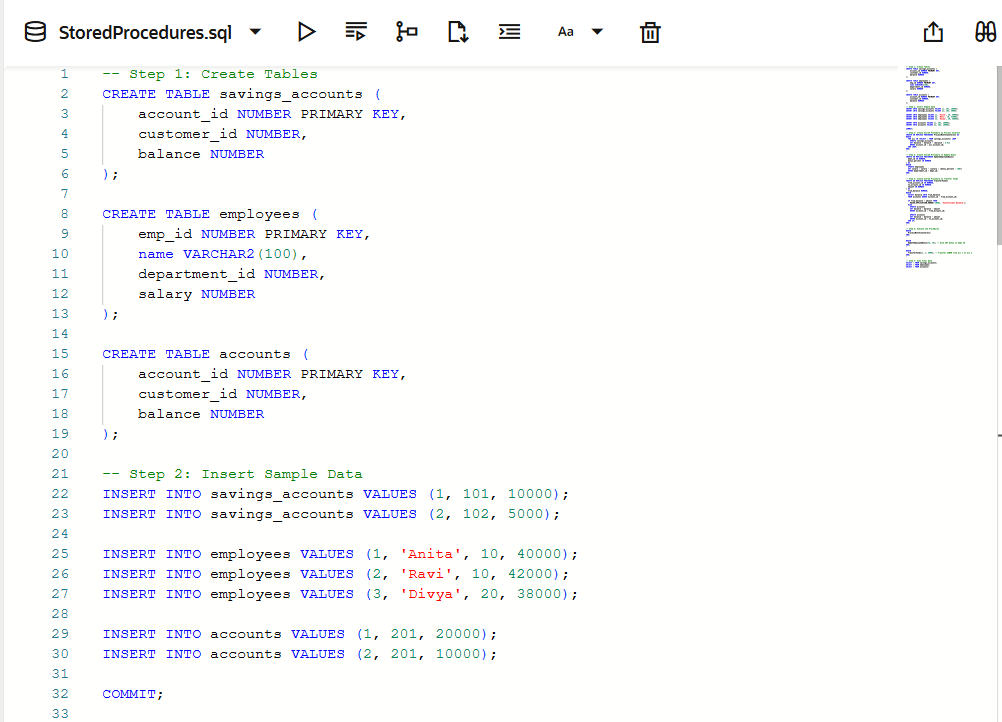
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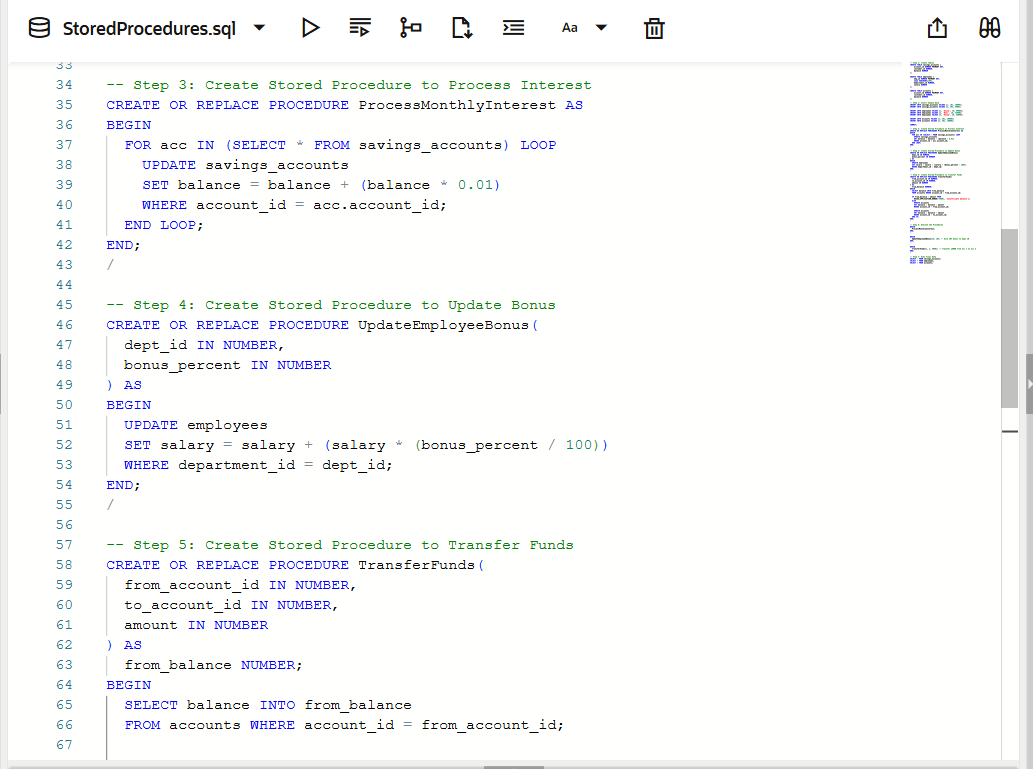
**Output:**

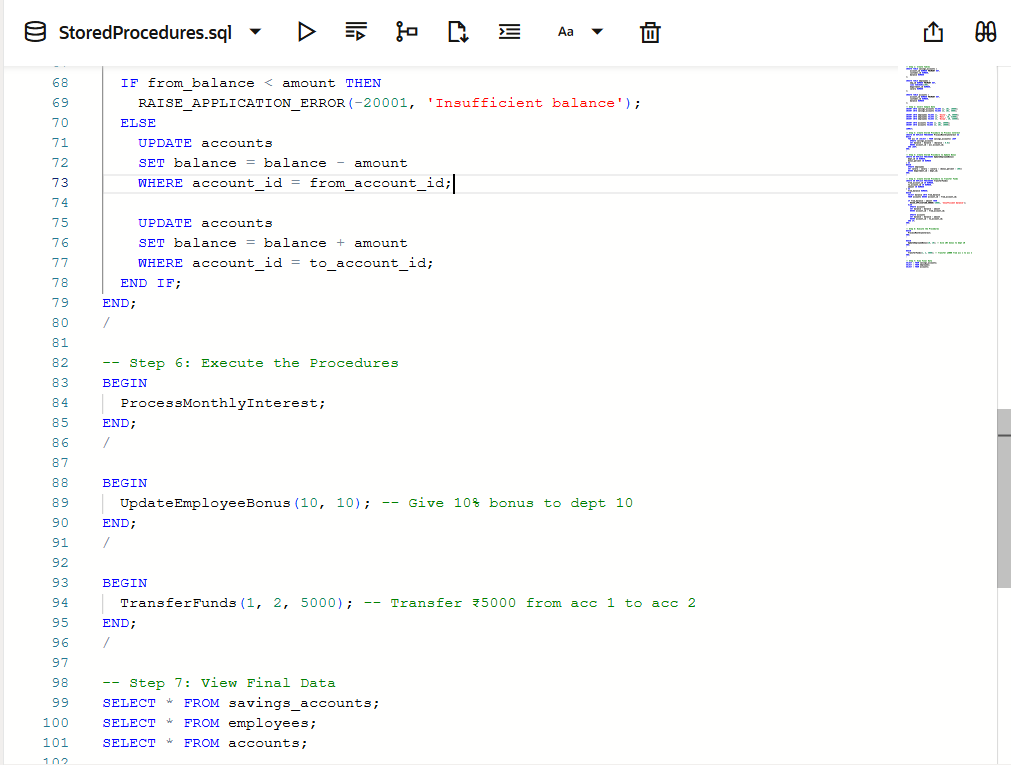
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**EXERCISE 3: STORED PROCEDURES**

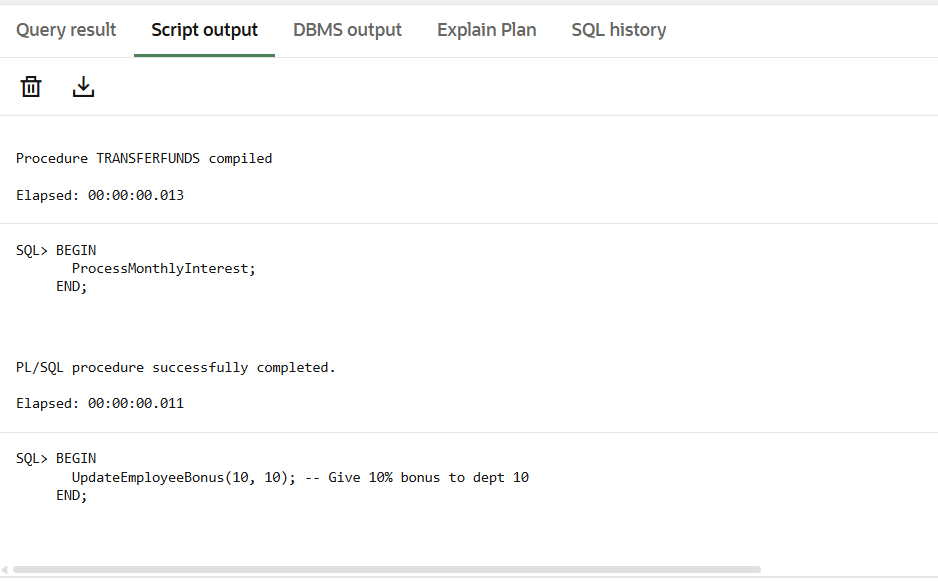
**StoredProcesures.sql**

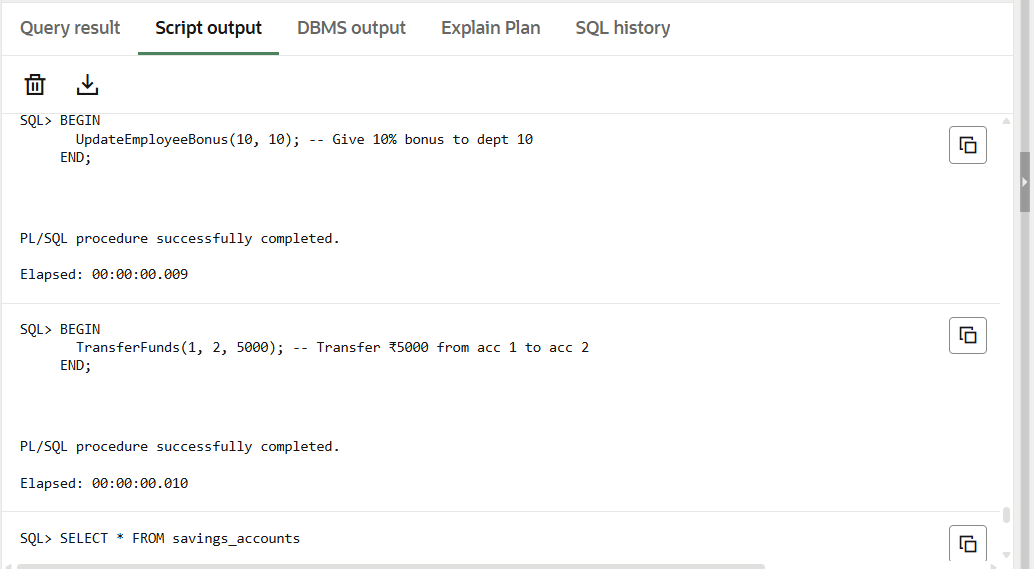
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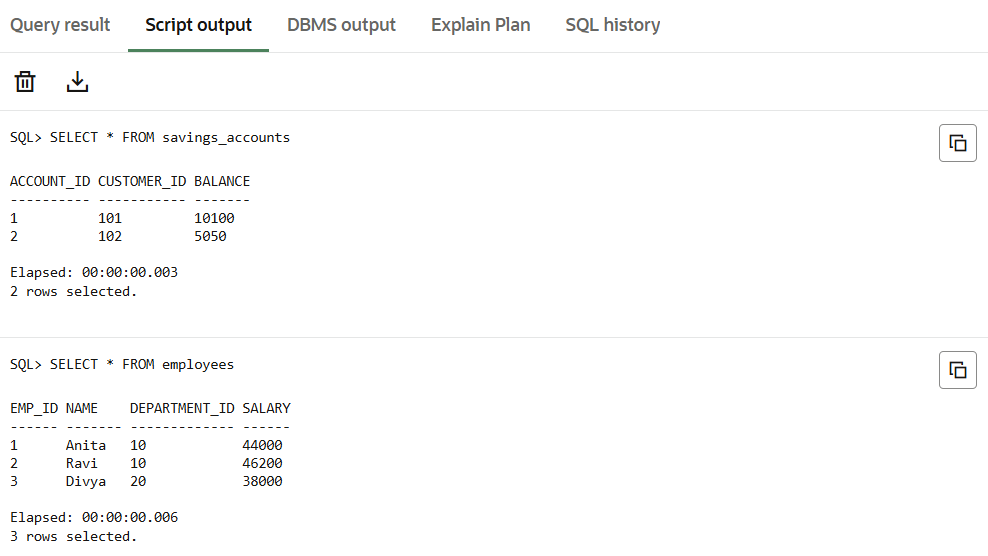
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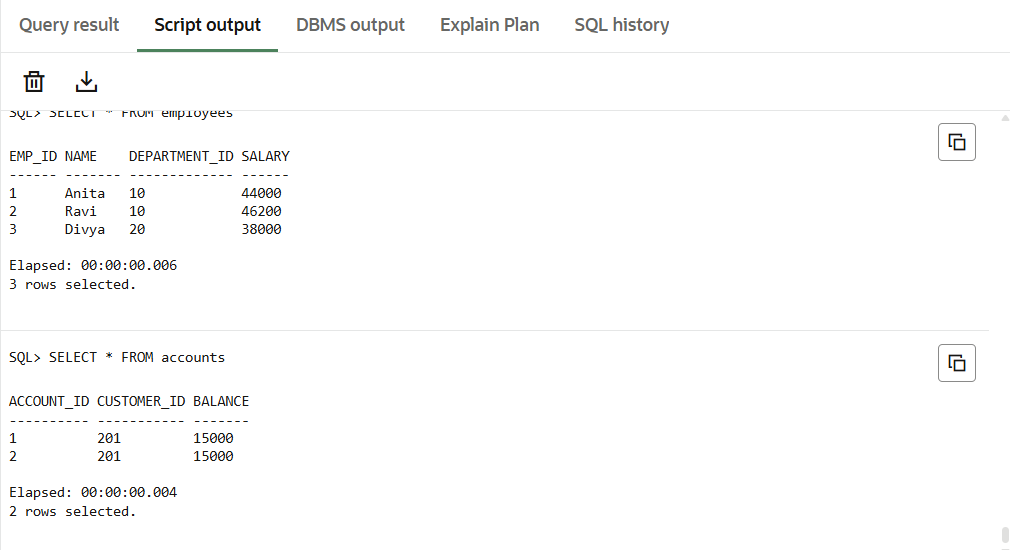
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**Output:**

****

****

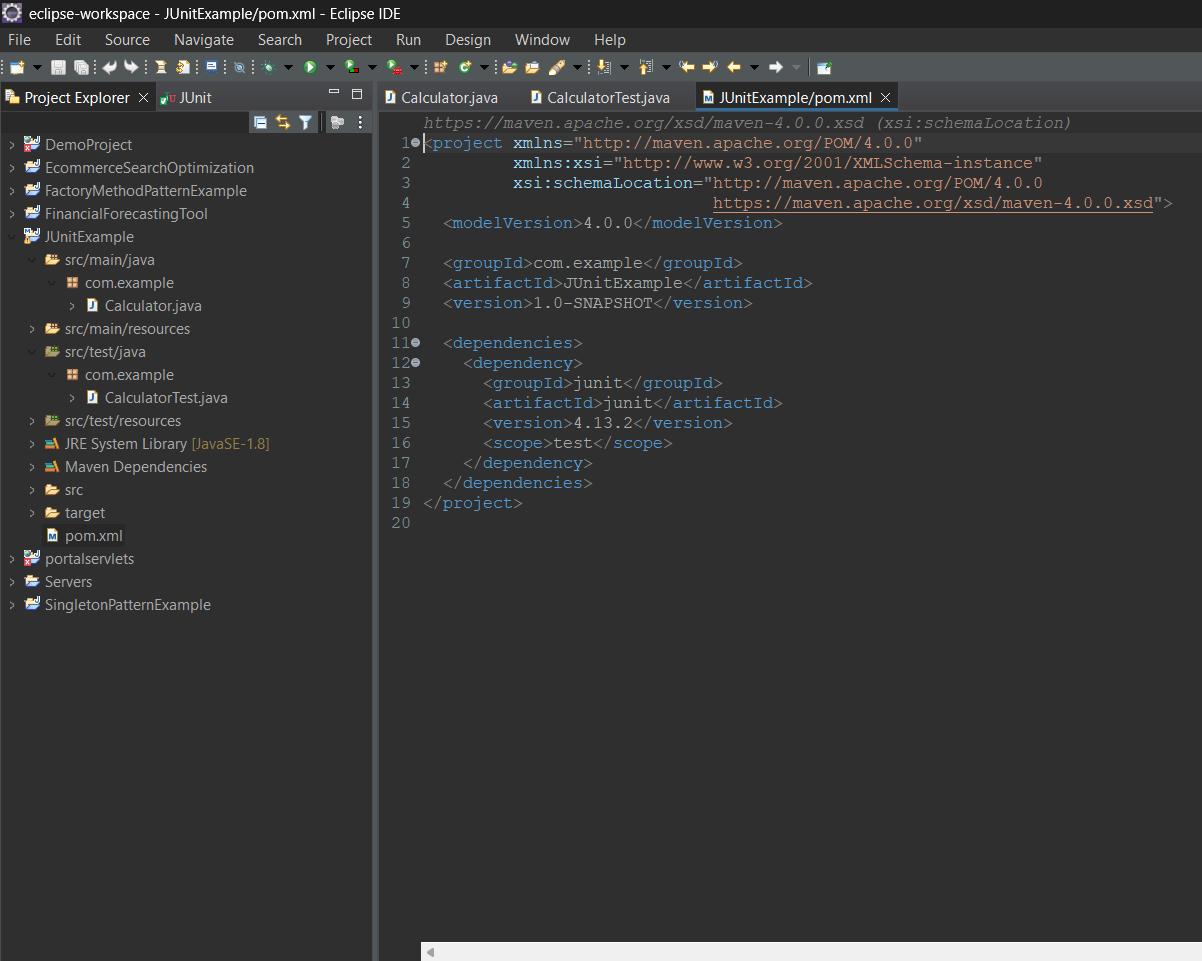
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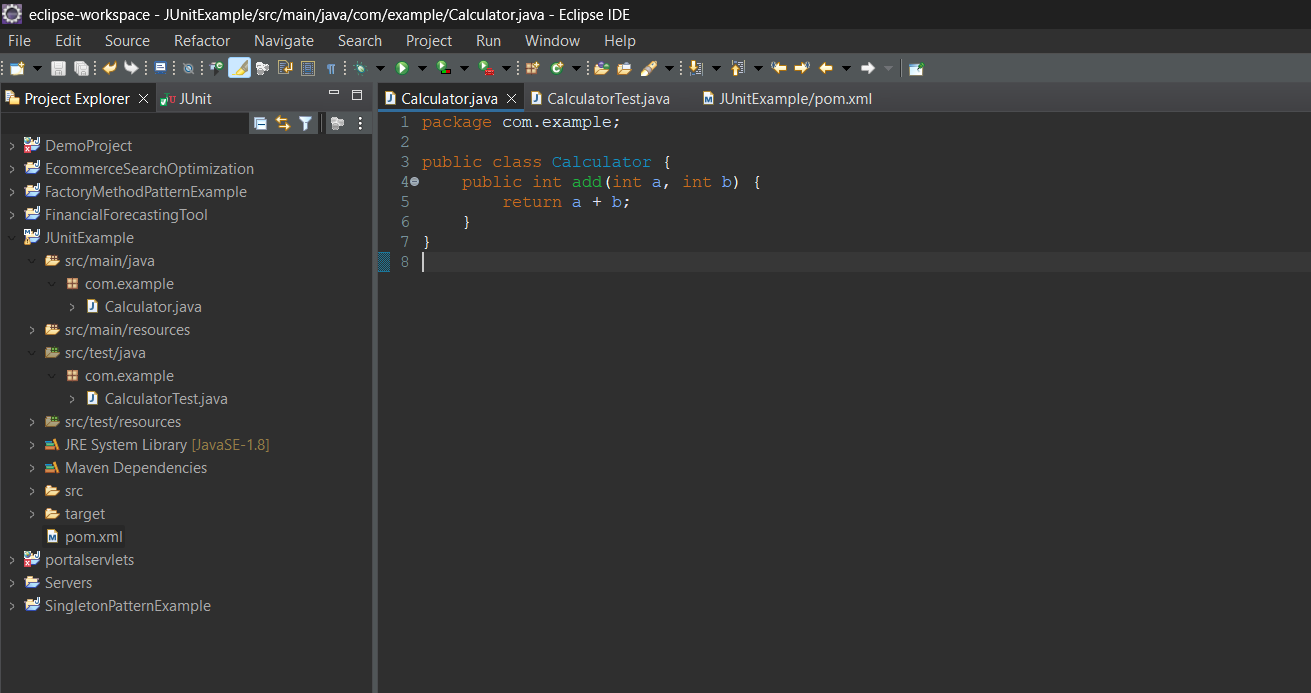
**JUNIT\_BASIC TESTING EXERCISES**

**EXERCISE 1: SETTING UP JUNIT**

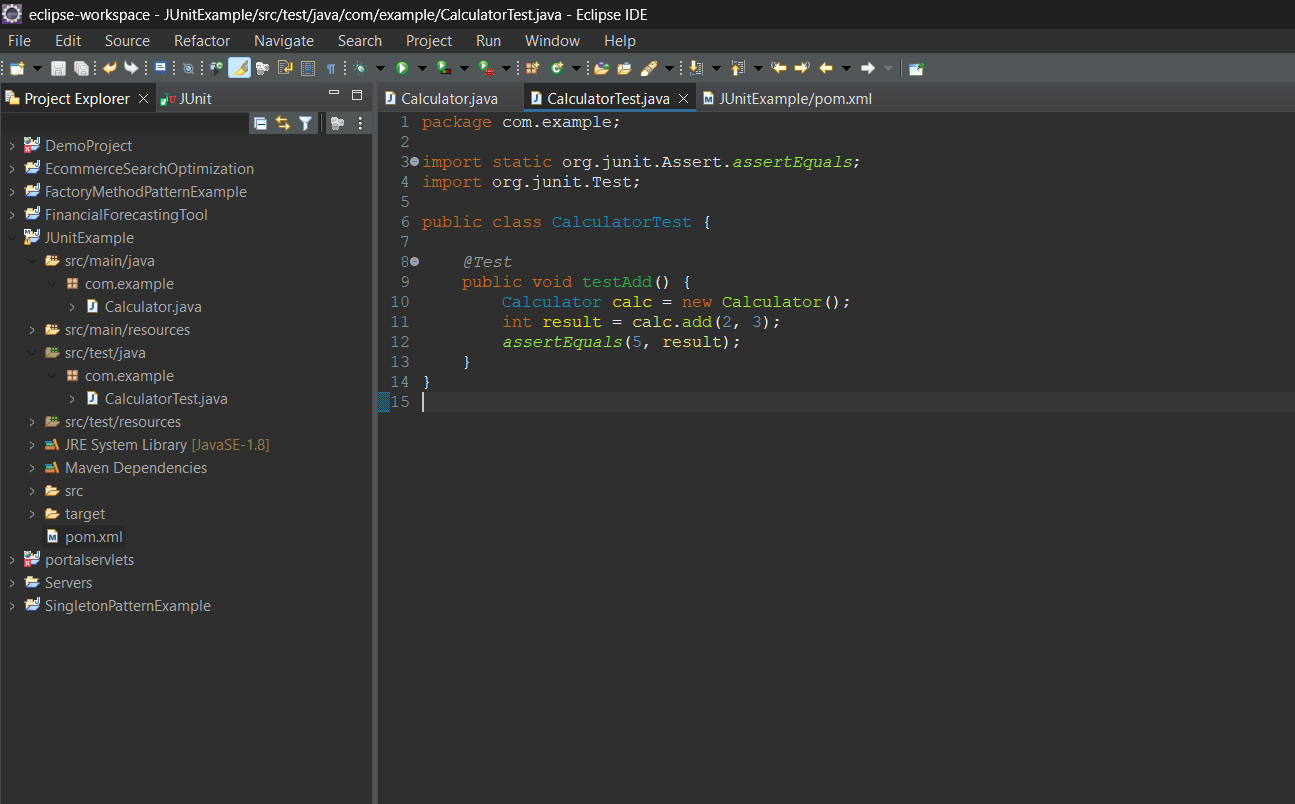
**Pom.xml:**

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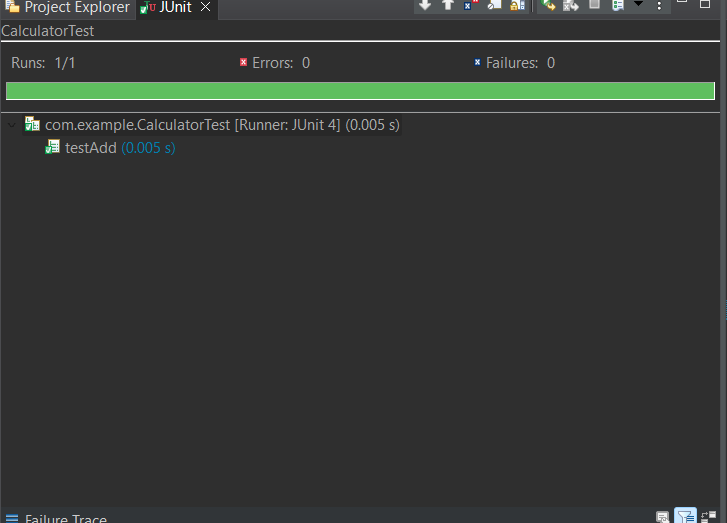
**Calculator.java:**

****

**CalculatorTest.java:**

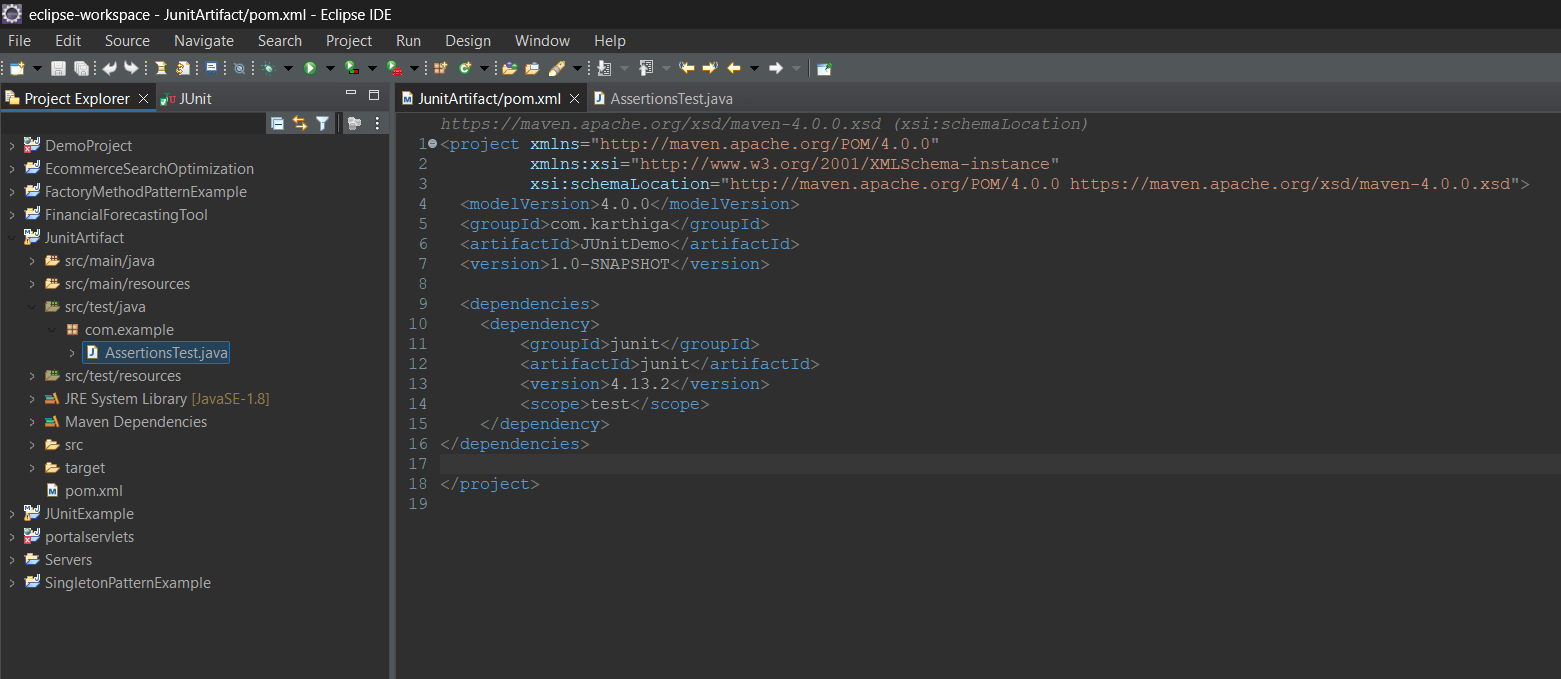
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**Output:**

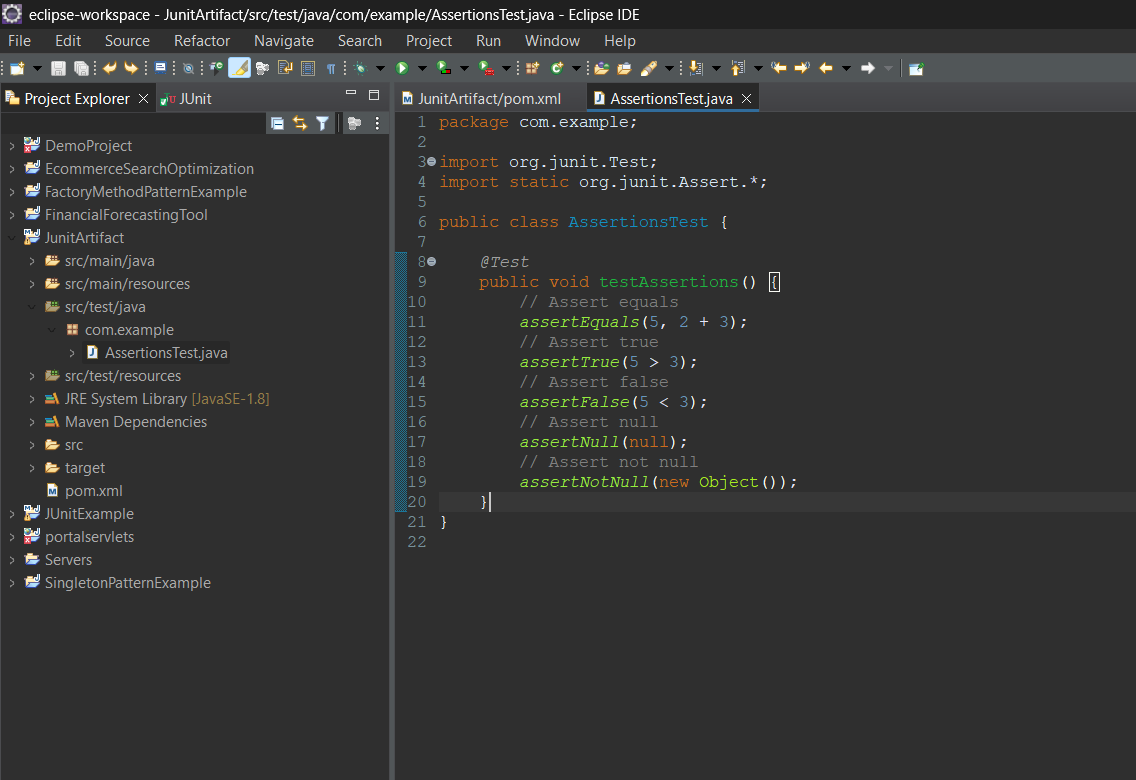
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**EXERCISE 3: ASSERTIONS IN JUNIT**

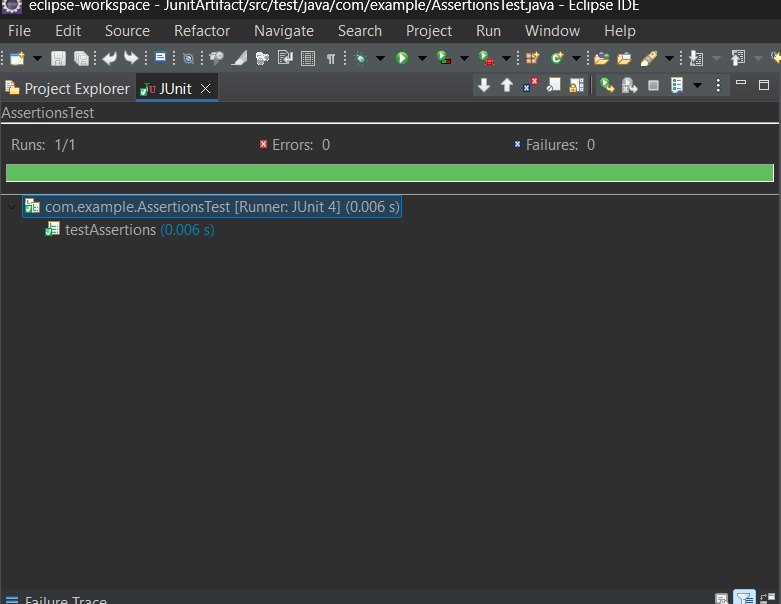
**Pom.xml:**

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**AssertionsTest.java**

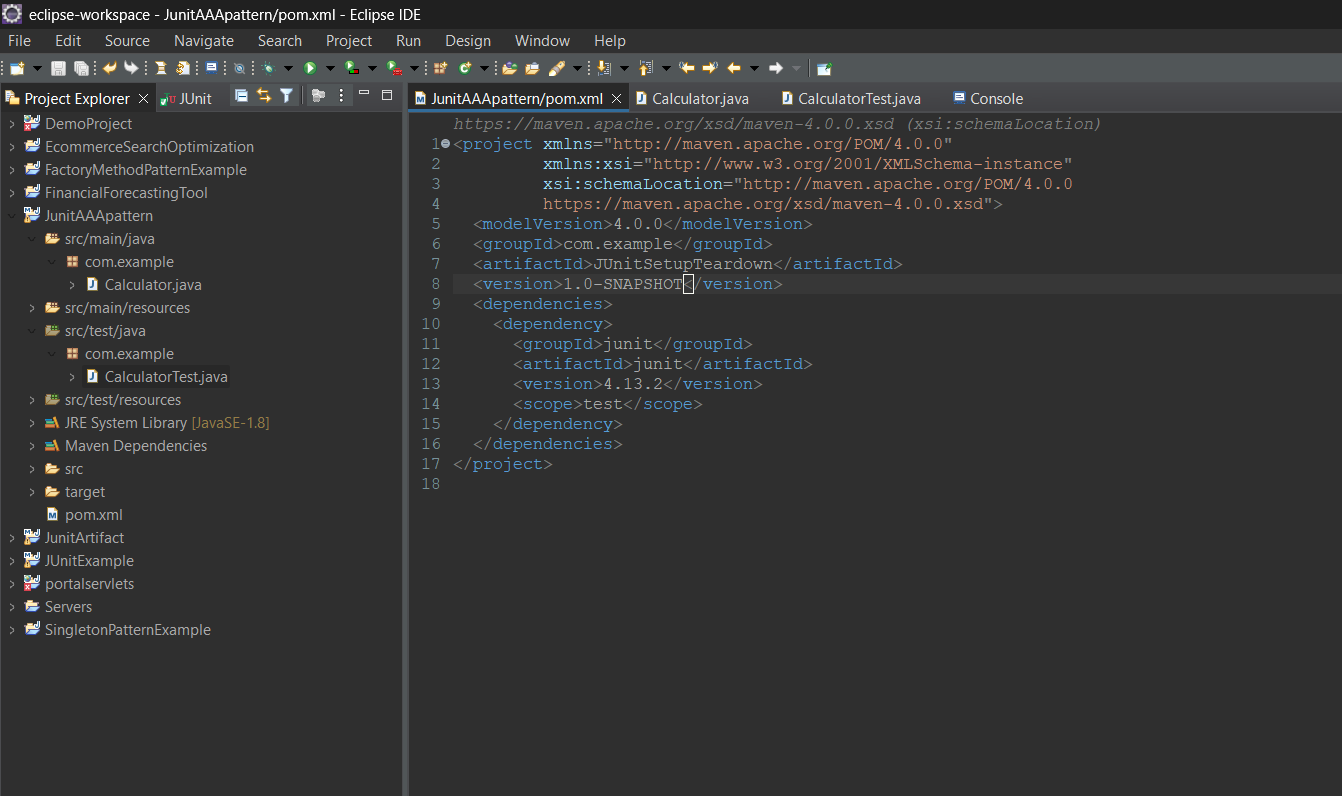
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**Output:**

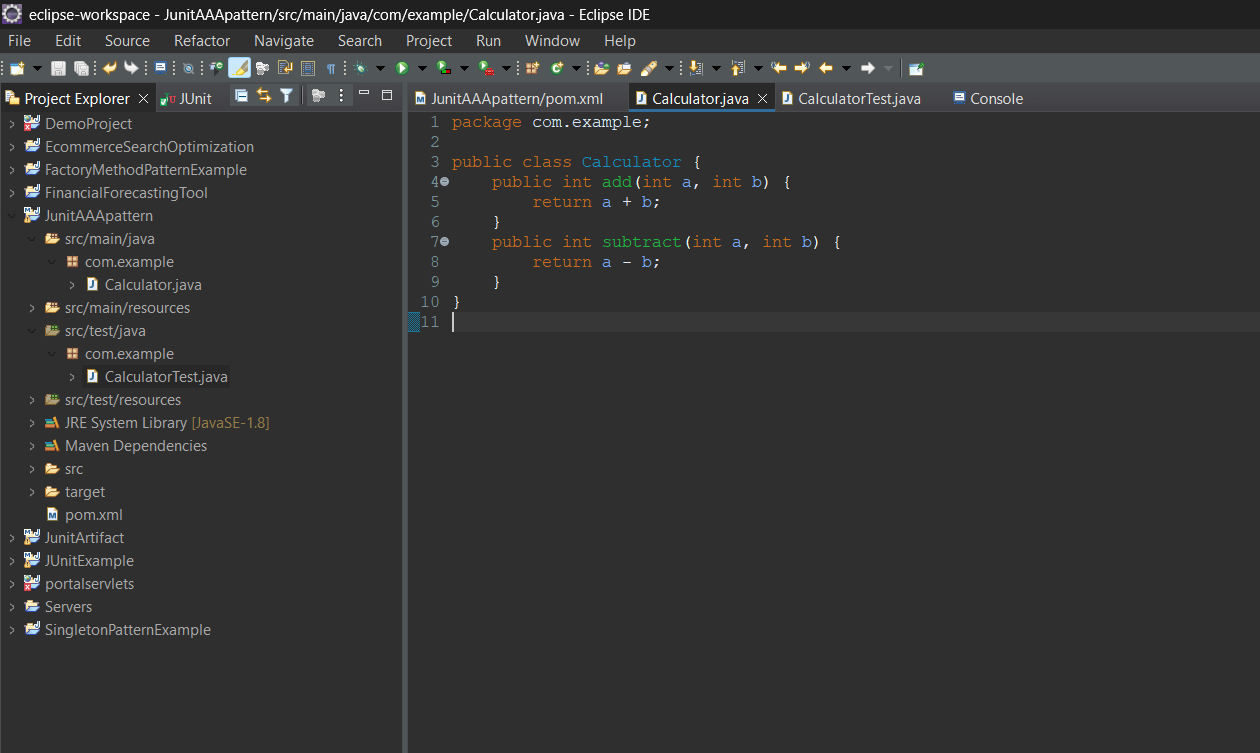
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**EXERCISE 4: ARRANGE-ACT-ASSERT (AAA) PATTERN, TEST FIXTURES, SETUP AND TEARDOWN METHODS IN JUNIT**

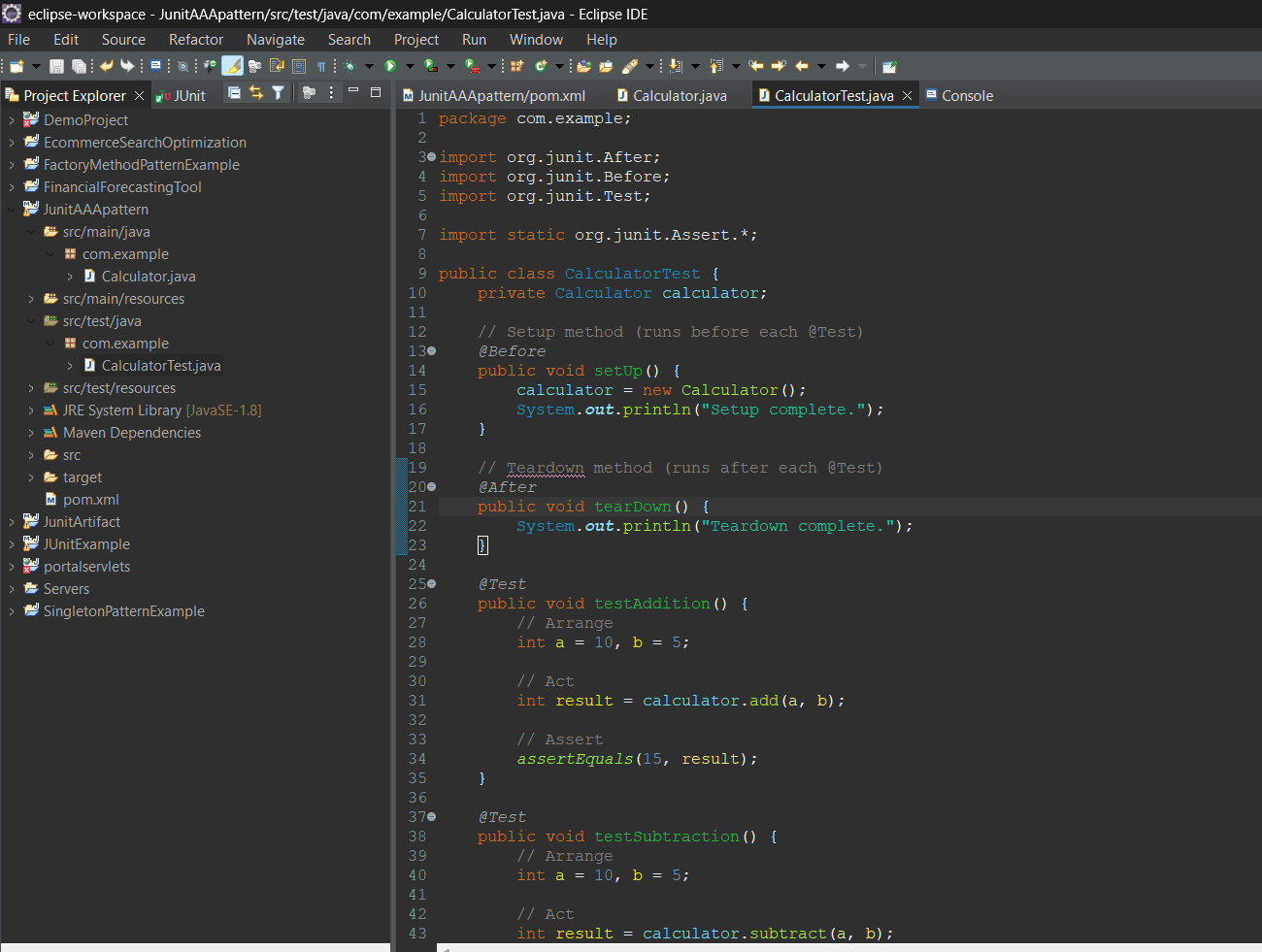
**Pom.xml:**

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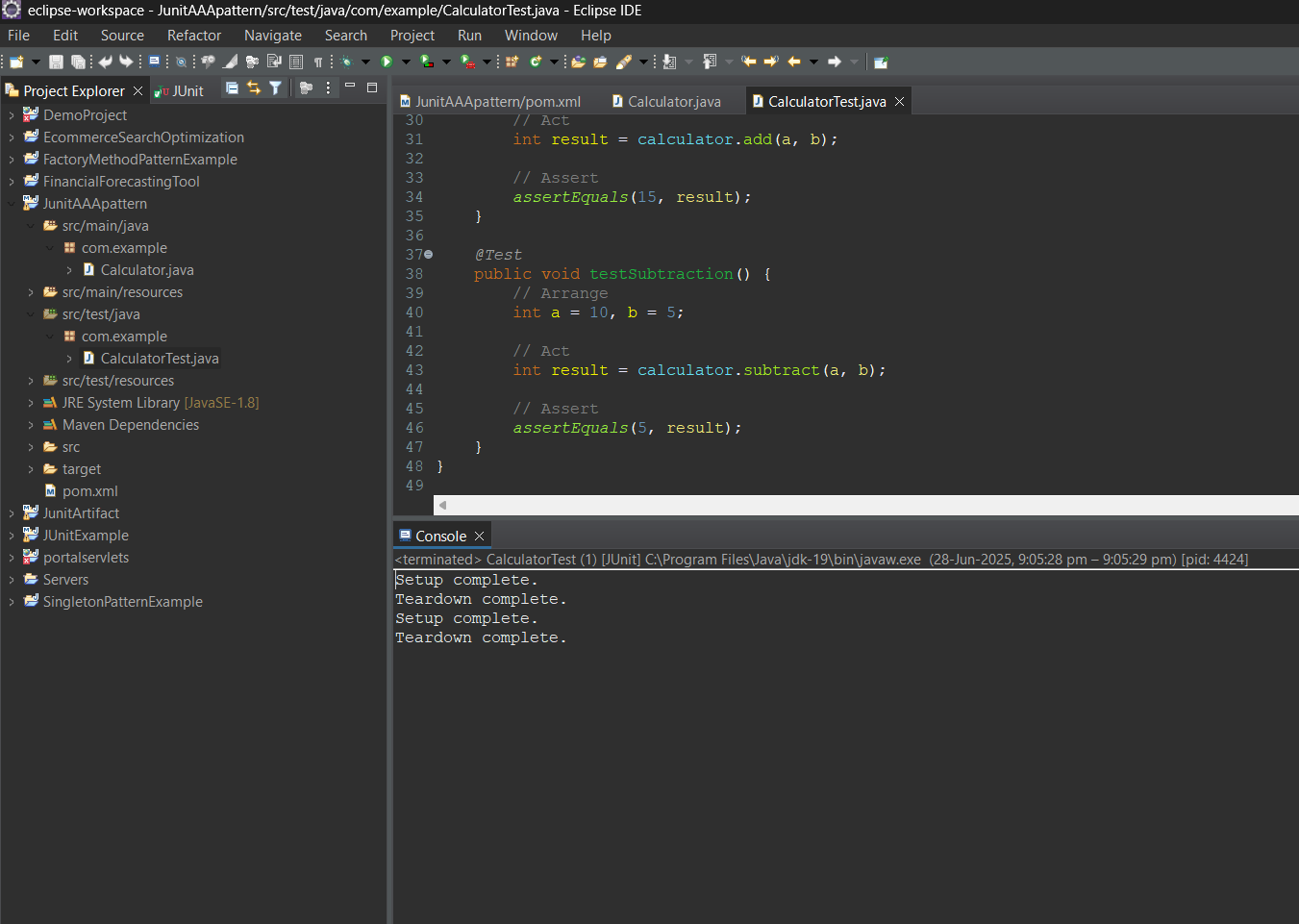
**Calculator.java:**

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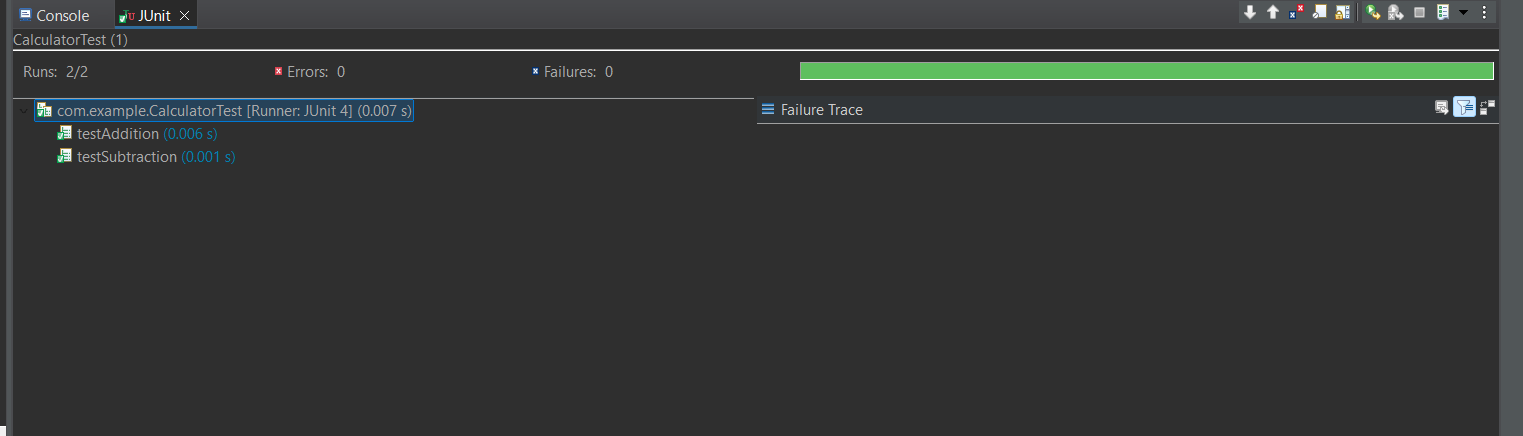
**CalculatorTest.java:**

****

**Console:**

****

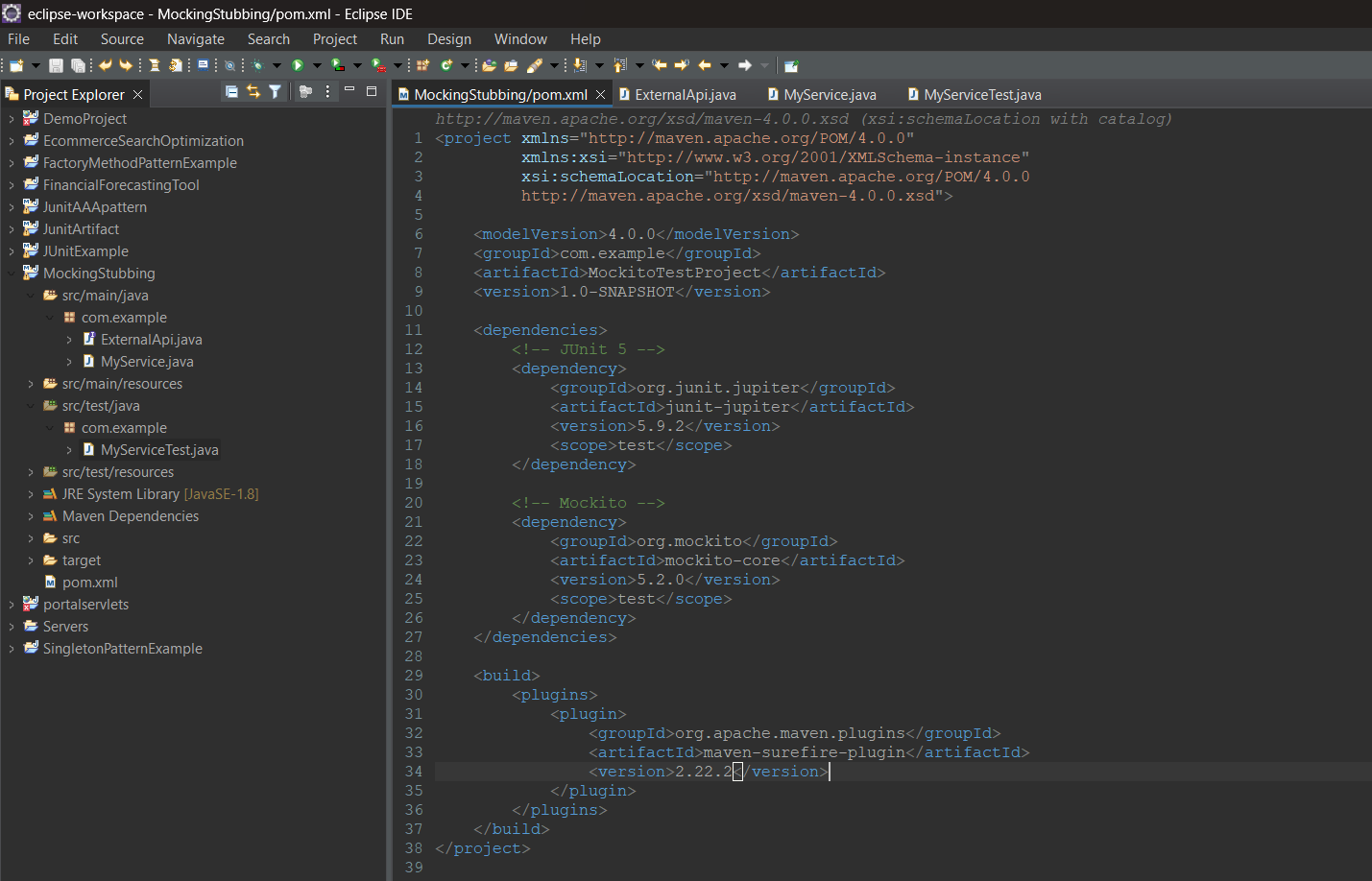
**Output:**

****

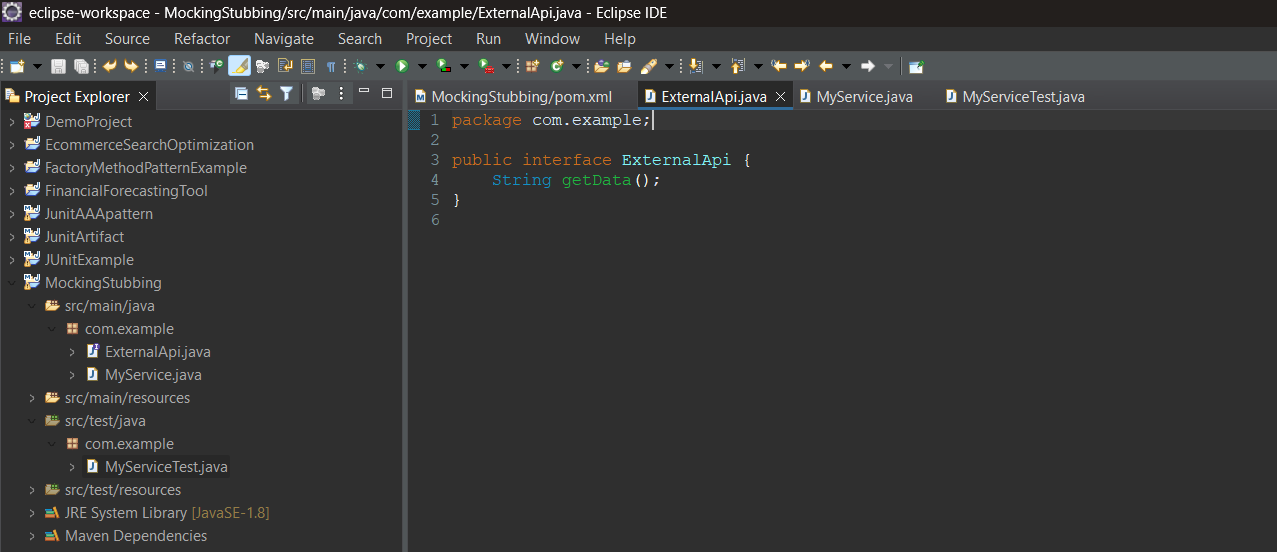
**MOCKITO EXERCISES**

**EXERCISE 1: MOCKING AND STUBBING**

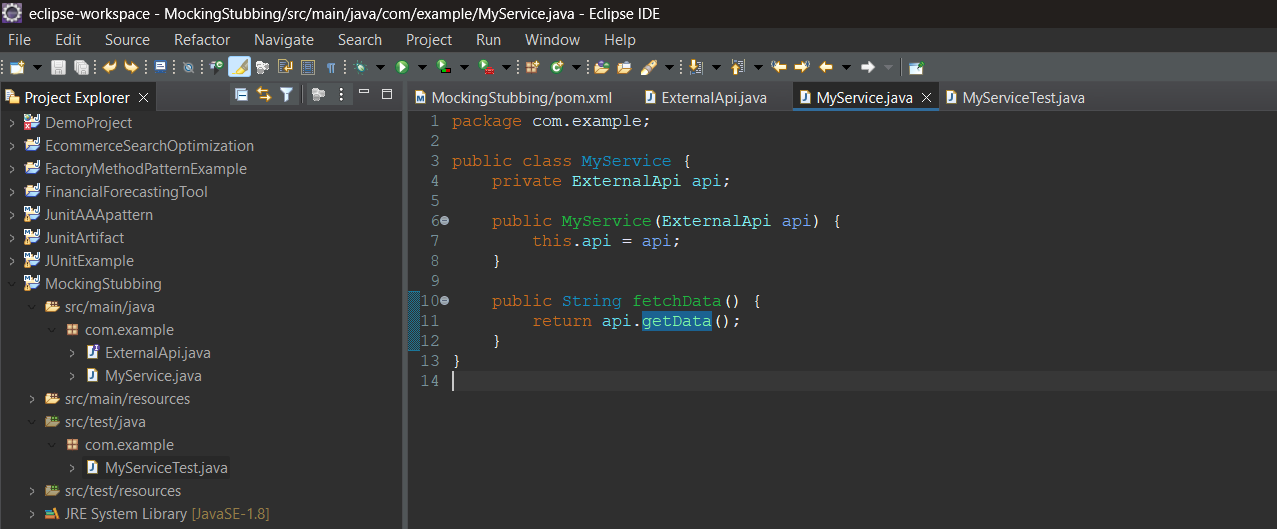
**Pom.xml:**

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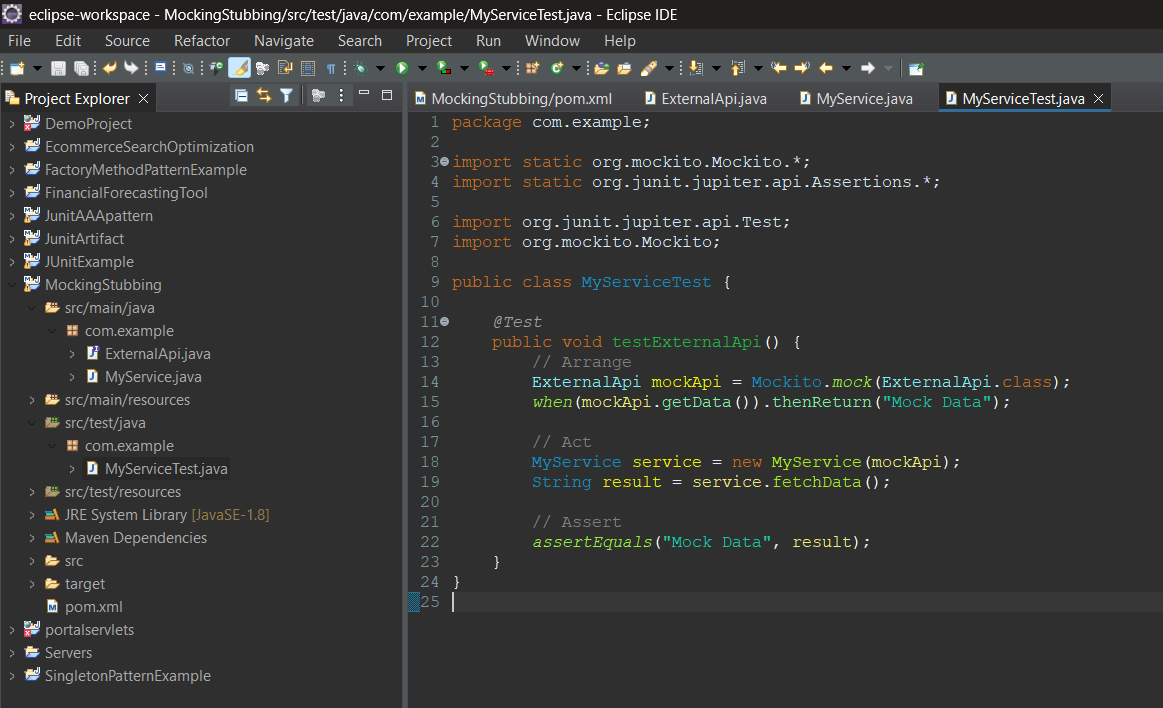
**ExternalApi.java:**

****

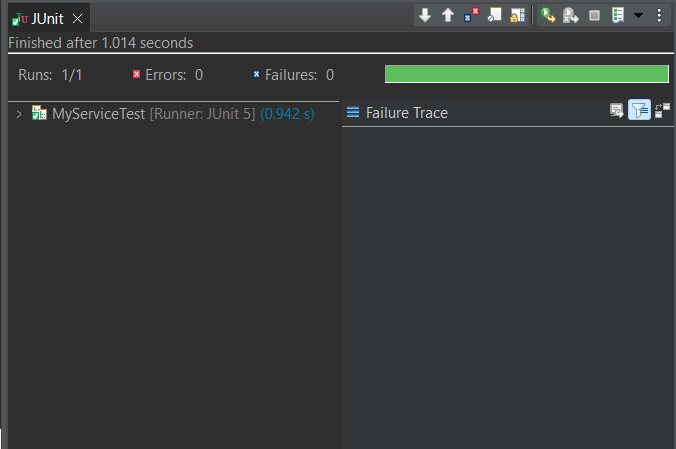
**MyService.java:**

****

**MyServiceTest.java:**

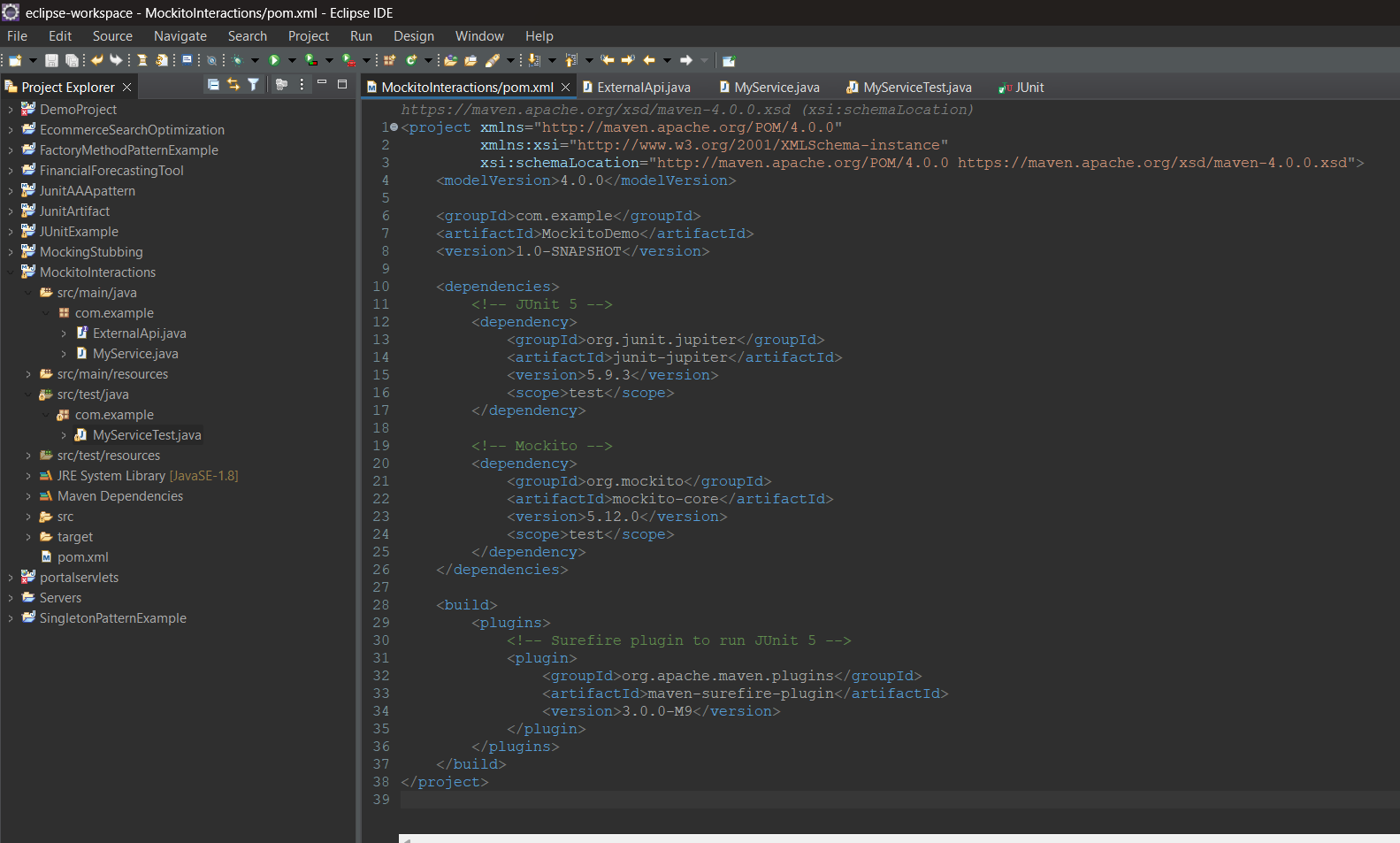
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**Output:**

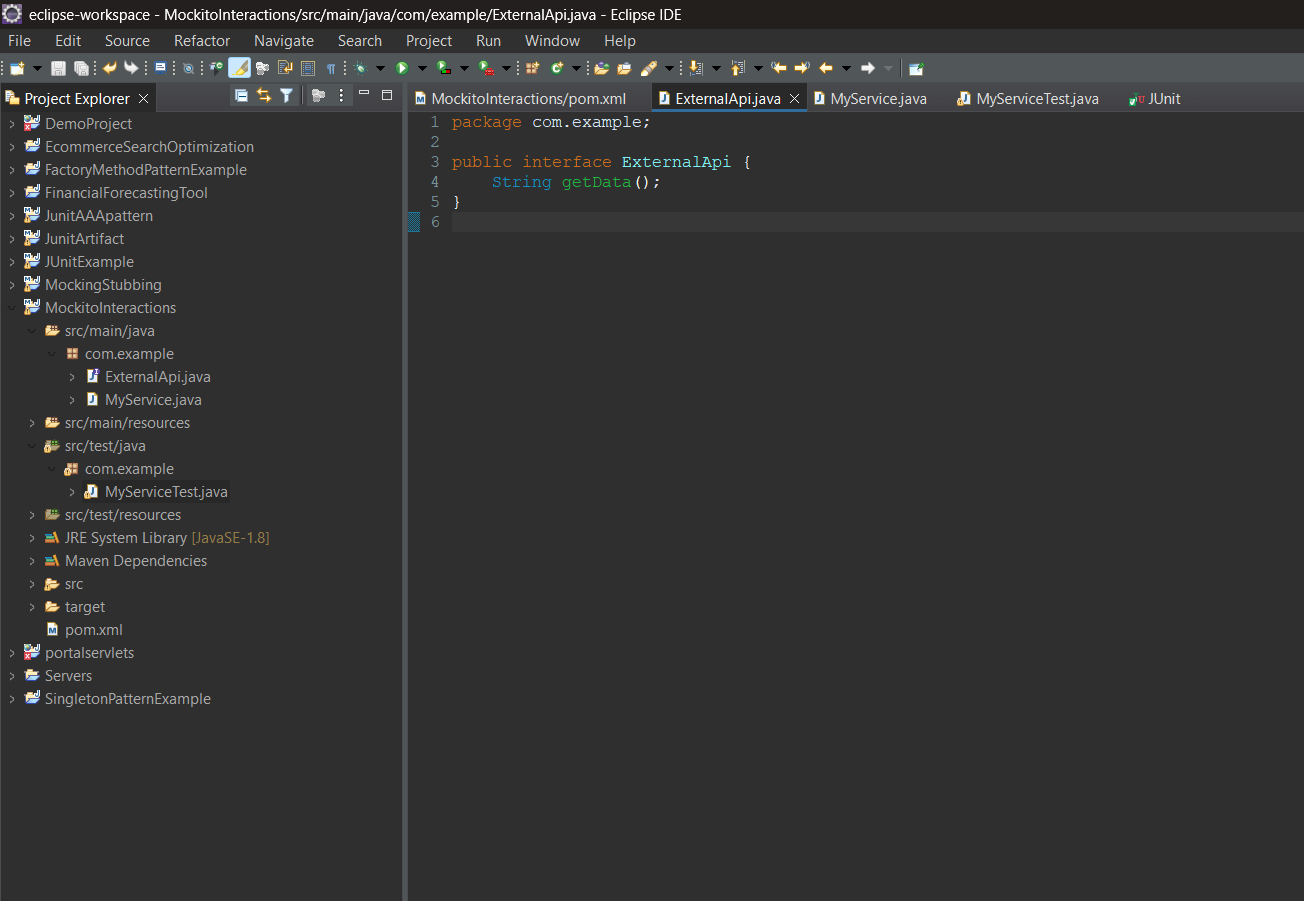
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**EXERCISE 2: VERIFYING INTERACTIONS**

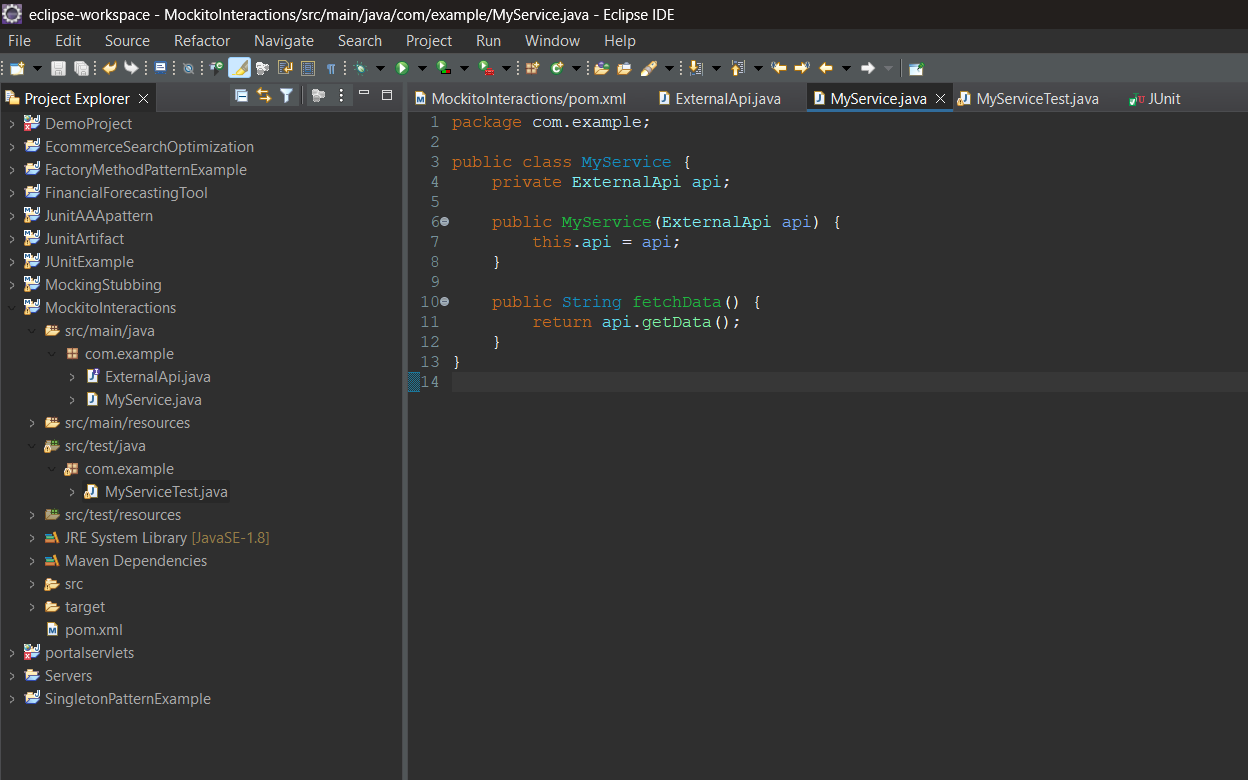
**Pom.xml:**

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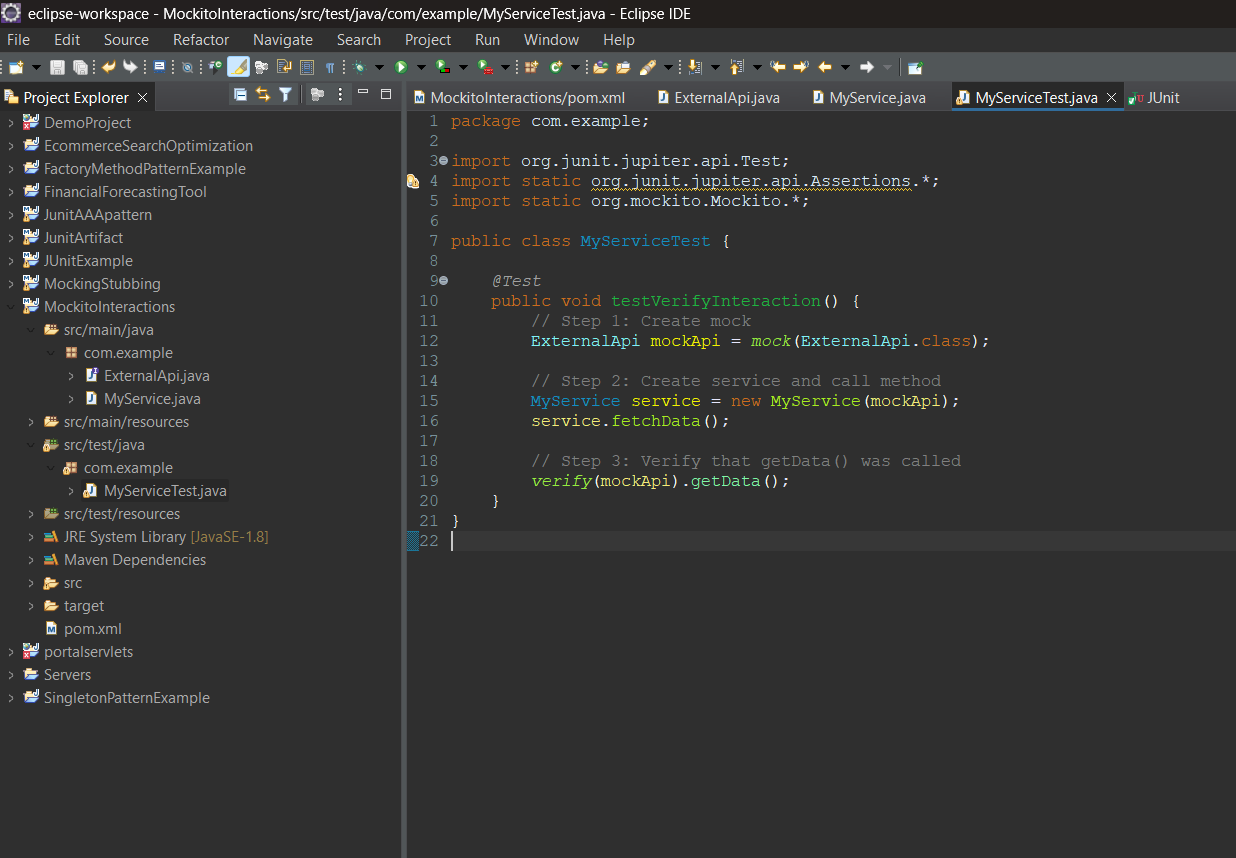
**ExternalApi.java:**

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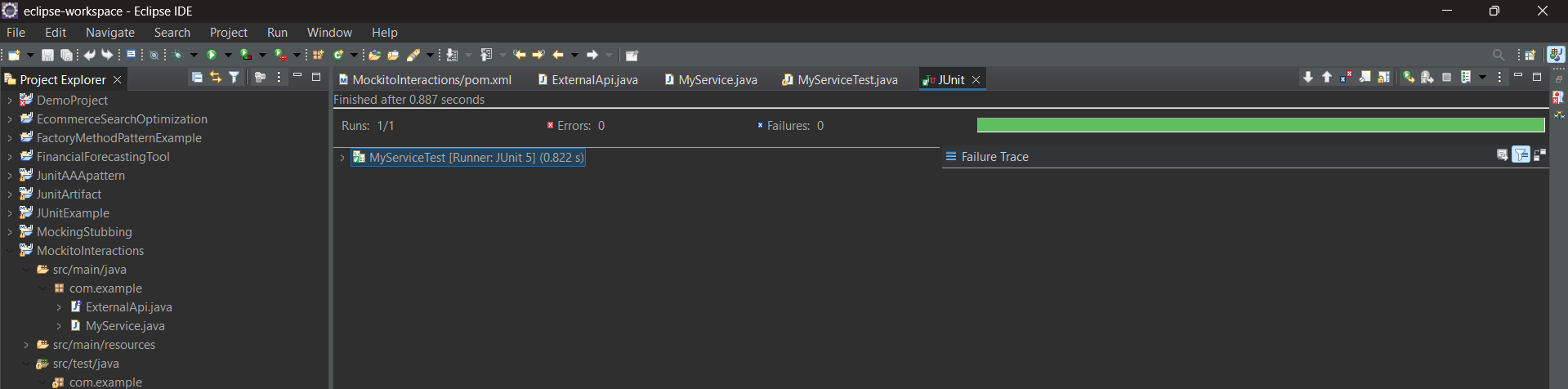
**MyService.java:**

****

**MyServiceTest.java:**

****

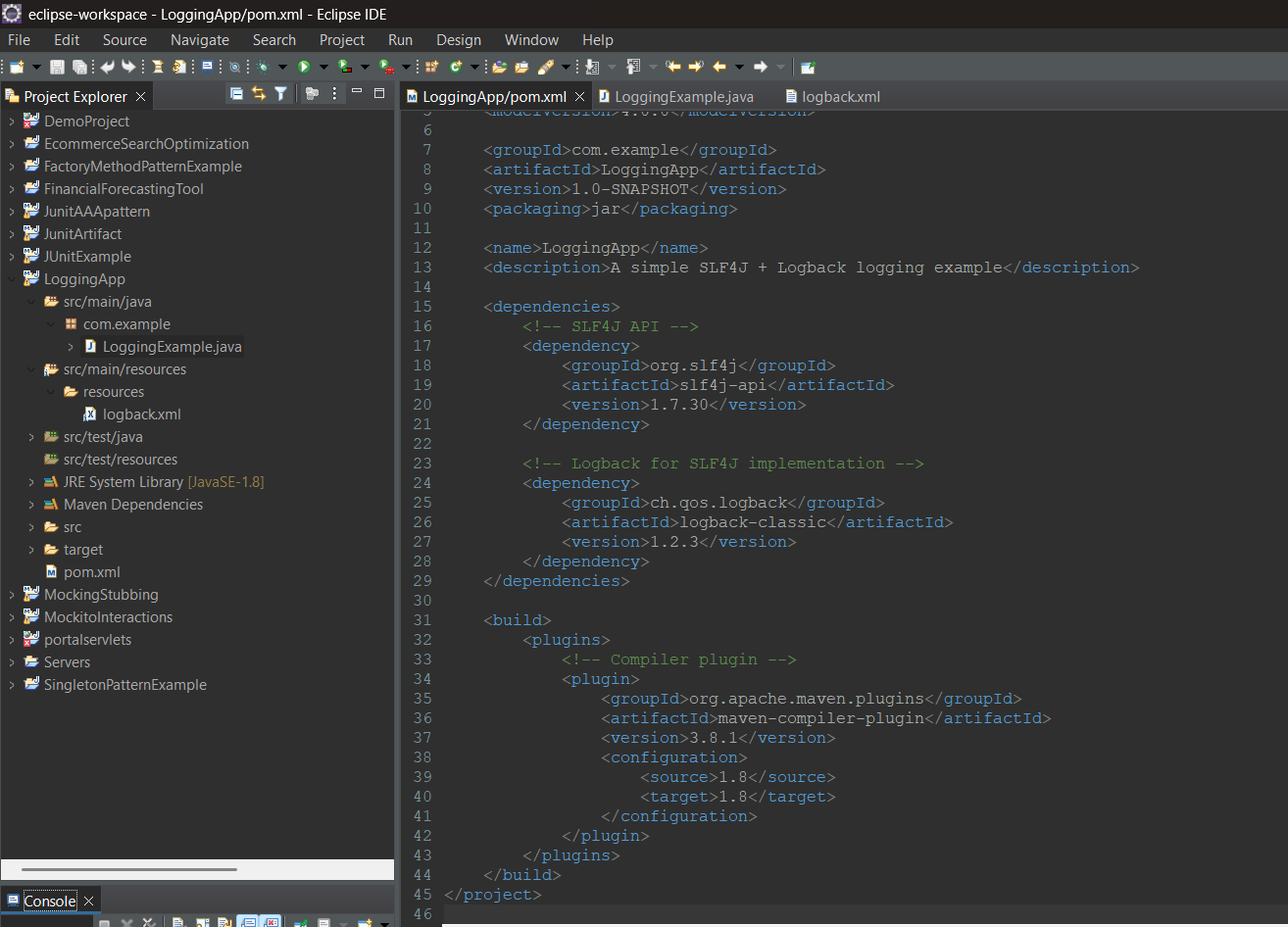
**Output:**

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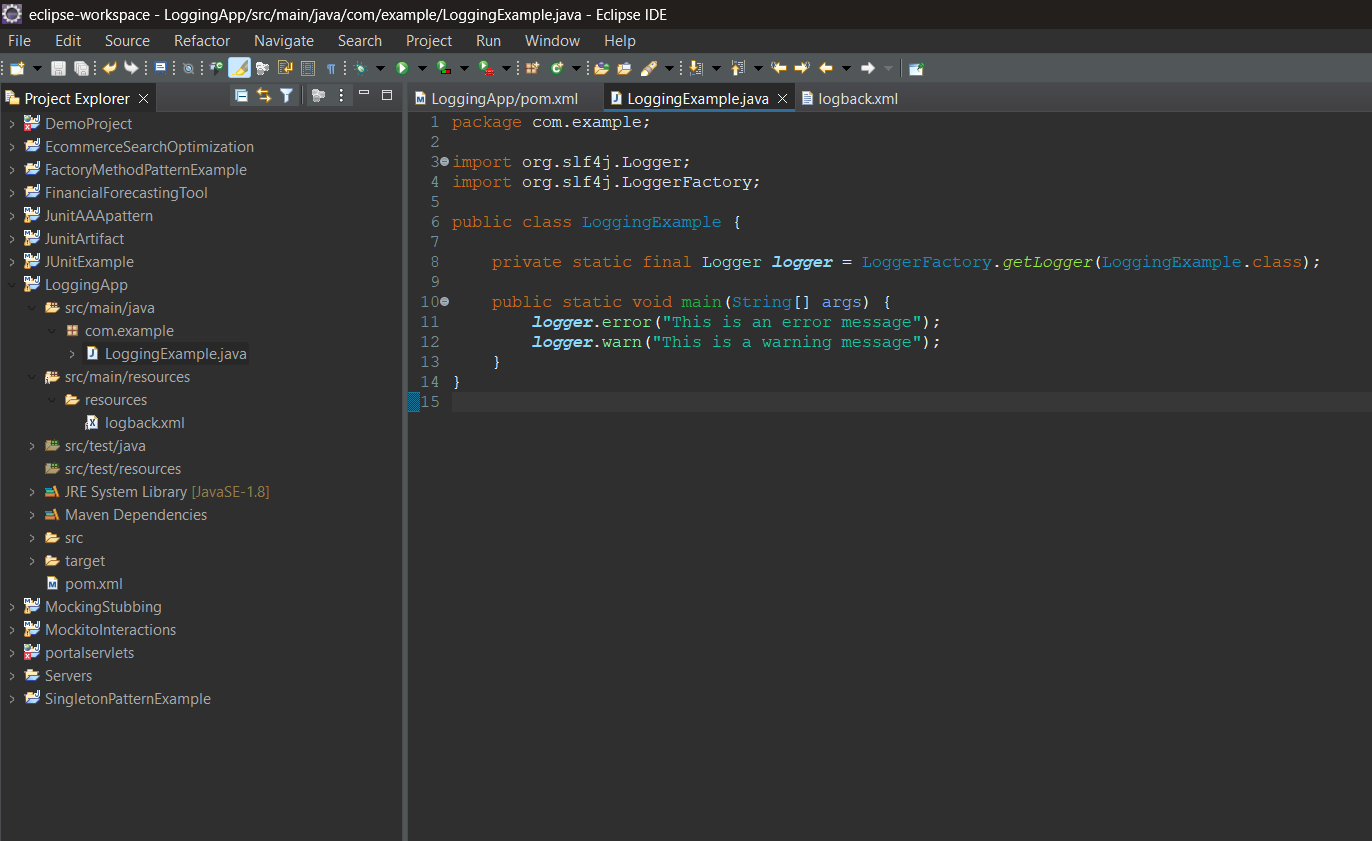
**SL4J LOGGING EXERCISES**

**EXERCISE 1: LOGGING ERROR MESSAGES AND WARNING LEVELS**

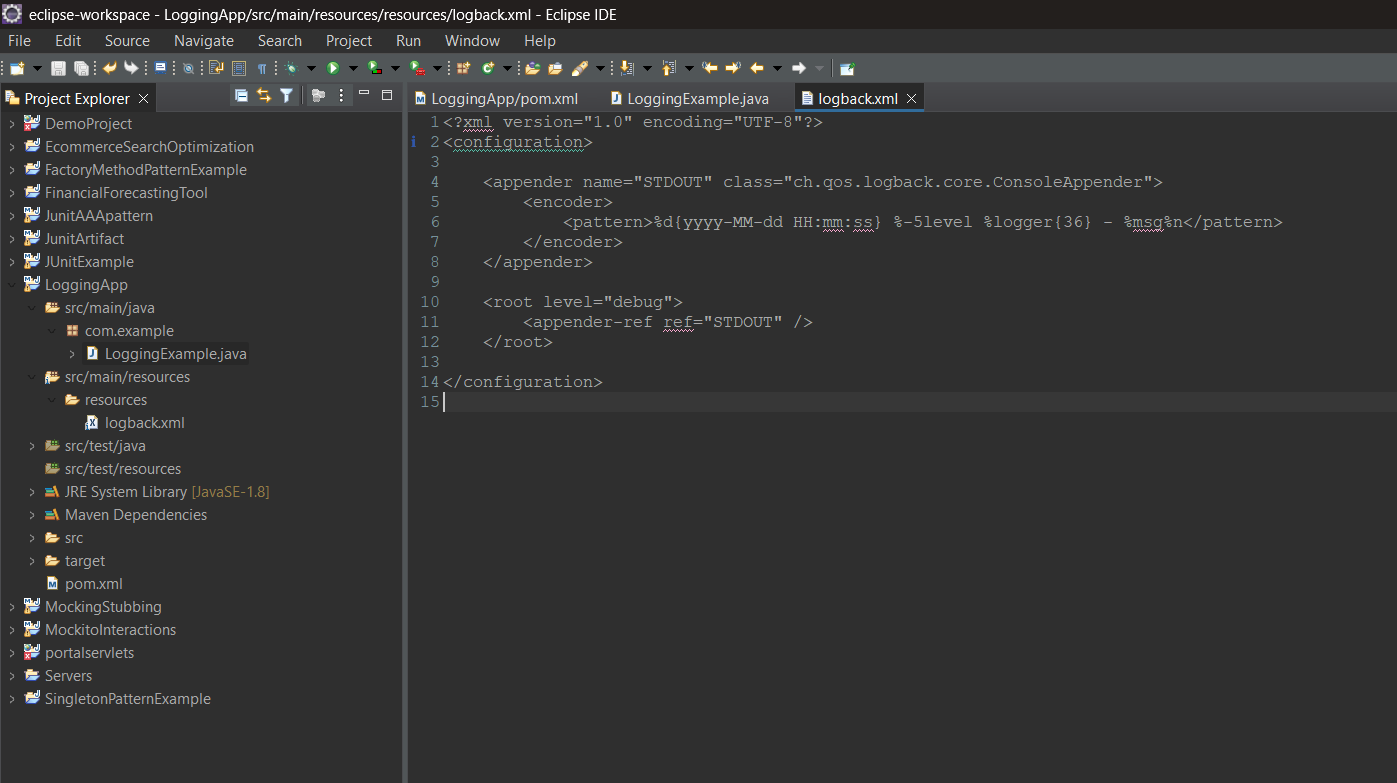
**Pom.xml:**

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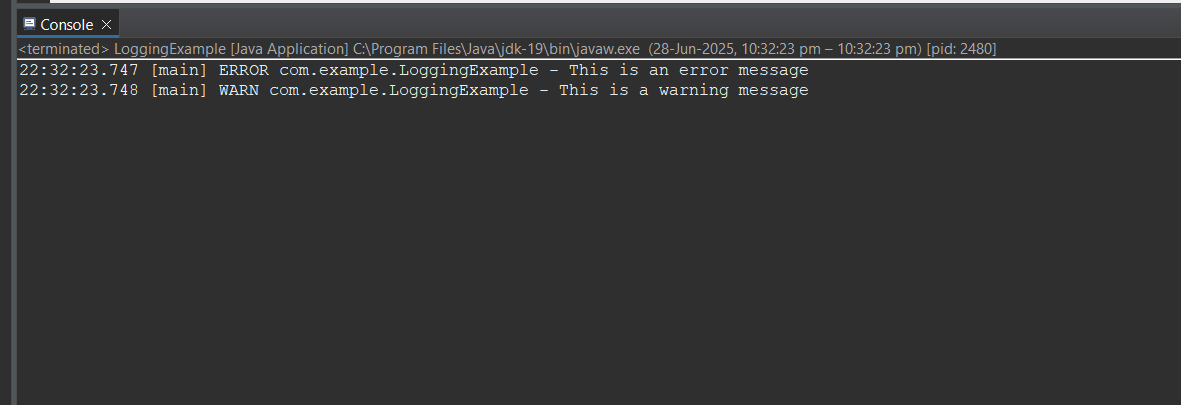
**LoggingExample.java:**

****

**Logback.xml:**

****

**Output:**

****