**Mockito Hands-On Exercises**

**Exercise 2: Verifying Interactions**

Scenario: You need to ensure that a method is called with specific arguments.

**MyServiceTest.java**

**package** com.example.MockitoDemo;

**import** **static** org.mockito.Mockito.\*;

**import** **static** org.junit.Assert.\*;

**import** org.junit.Test;

**public** **class** MyServiceTest {

@Test

**public** **void** testVerifyInteraction() {

// Step 1: Create mock

ExternalApi mockApi = *mock*(ExternalApi.**class**);

// Optional stub (not strictly required)

*when*(mockApi.getData()).thenReturn("Any Data");

// Step 2: Inject into service

MyService service = **new** MyService(mockApi);

// Step 3: Call method

service.fetchData();

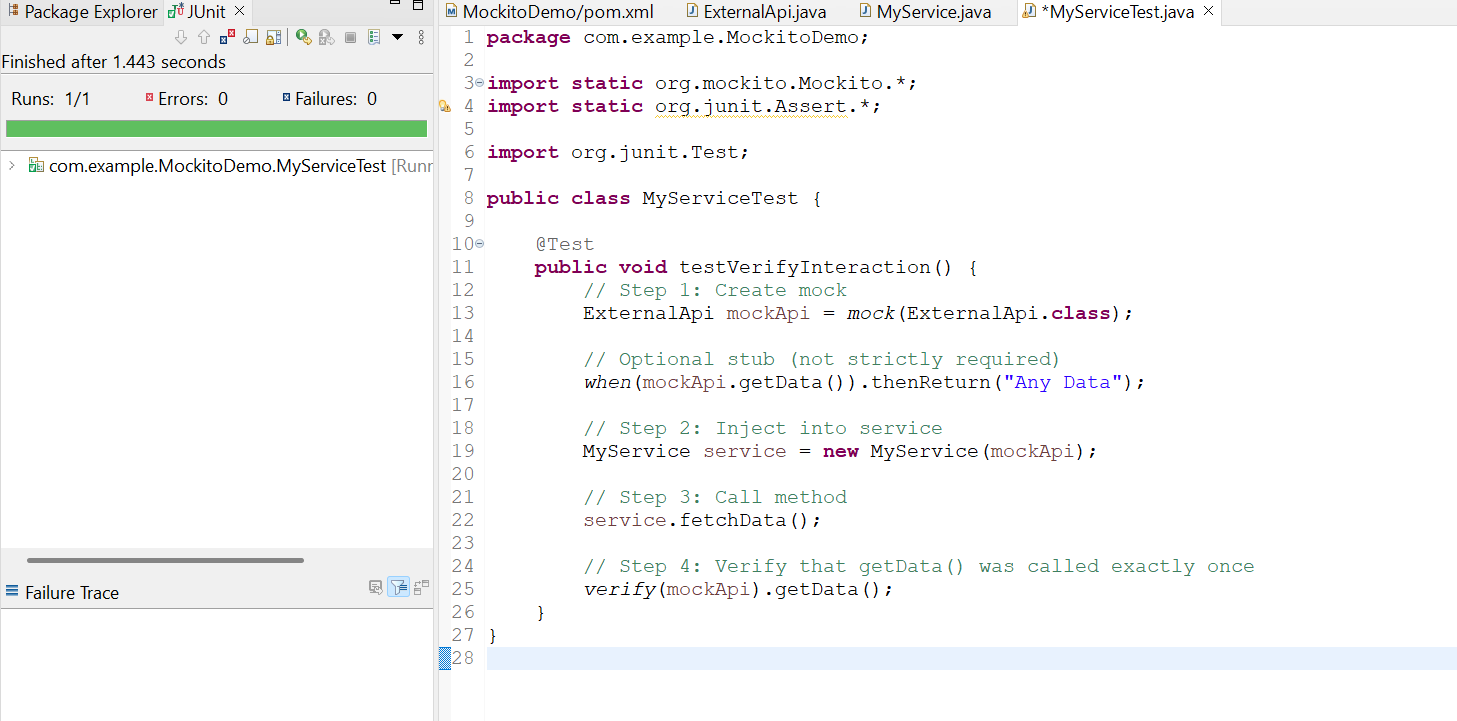
// Step 4: Verify that getData() was called exactly once

*verify*(mockApi).getData();

}

}

**Output:**

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