**Exercise 2: Verifying Interactions**

**CODE:**

**MyServiceTest.java**

package com.example.api;

import static org.mockito.Mockito.\*;

import static org.junit.jupiter.api.Assertions.\*;

import org.junit.jupiter.api.Test;

import org.mockito.Mockito;

public class MyServiceTest {

// Already existing test

@Test

public void testExternalApi() {

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

when(mockApi.getData()).thenReturn("Mock Data");

MyService service = new MyService(mockApi);

String result = service.fetchData();

assertEquals("Mock Data", result);

}

// 🔁 New test to verify interaction

@Test

public void testVerifyInteraction() {

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

MyService service = new MyService(mockApi);

// Call the method

service.fetchData();

// Verify that mockApi.getData() was called

verify(mockApi).getData();

}

}

**OUTPUT:**

