## ****Exercise 2: Verifying Interactions****

### Scenario:

### You need to ****ensure that a method is called**** with specific arguments.

**CODE:**

import static org.mockito.Mockito.\*;

import org.junit.jupiter.api.Test;

import org.mockito.Mockito;

public class MyServiceTest {

@Test

public void testVerifyInteraction() {

// Step 1: Create a mock object

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

// Step 2: Use the mock in service

MyService service = new MyService(mockApi);

service.fetchData(); // This should call mockApi.getData()

// Step 3: Verify interaction with the mock

verify(mockApi).getData(); // Confirms getData() was called

}

}

public class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public String fetchData() {

return api.getData();

}

}

**OUTPUT:**

Tests run: 1, Failures: 0

BUILD SUCCESS