**Exercise 2: Verifying Interactions**

**MyServiceTest.java**

import static org.mockito.Mockito.\*;

import org.junit.jupiter.api.Test;

import org.mockito.Mockito;

public class MyServiceTest {

@Test

public void testVerifyInteraction() {

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

MyService service = new MyService(mockApi);

service.fetchData("testParameter");

verify(mockApi).getData("testParameter");

}

}

**ExternalApi.java**

public interface ExternalApi {

String getData(String parameter);

}

**MyService.java**

public class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public String fetchData(String parameter) {

return api.getData(parameter);

}

}

**OUTPUT**

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Running MyServiceTest

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.01 s

Results :

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0