Exercise 2: Verifying Interactions

ExternalApi.java

package com.example;

public interface ExternalApi {

    public String getData();

}

Myservice.java

package com.example;

public class MyService {

    private ExternalApi api = null;

    public MyService(ExternalApi Mockapi){

        this.api = Mockapi;

    }

    public String fetchData(){

        return api.getData();

    }

}

MyserviceTest.java

import static org.mockito.Mockito.\*;

import org.junit.Test;

import com.example.ExternalApi;

import com.example.MyService;

public class MyServiceTest {

    @Test

    public void testVerifyInteraction() {

        ExternalApi mockApi = mock(ExternalApi.class);

        MyService service = new MyService(mockApi);

        service.fetchData();

        verify(mockApi).getData();

    }

}

  <dependencies>

        <dependency>

    <groupId>junit</groupId>

    <artifactId>junit</artifactId>

    <version>4.13.2</version>

    <scope>test</scope>

</dependency>

<dependency>

    <groupId>org.mockito</groupId>

    <artifactId>mockito-core</artifactId>

    <version>5.12.0</version>

    <scope>test</scope>

</dependency>

    </dependencies>

A screenshot of a computer screen

AI-generated content may be incorrect.