**Exercise 2: Verifying Interactions**

**Code:**

package com.example;

public interface ExternalApi {

String getData();

}

package com.example;

public class MyService {

private final ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public void fetchData() {

api.getData();

}

}

package com.example;

import static org.mockito.Mockito.\*;

import org.junit.jupiter.api.Test;

public class MyServiceTest {

@Test

public void testVerifyInteraction() {

// Step 1: Create mock

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

// Step 2: Pass mock to service

MyService service = new MyService(mockApi);

service.fetchData();

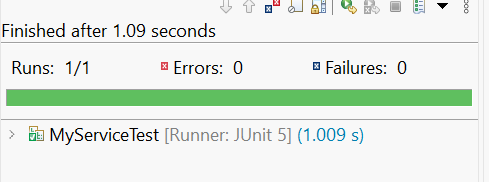
// Step 3: Verify that getData() was called

*verify*(mockApi).getData();

}

}

**Output:**

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