**Exercise – 2 Verifying Interactions**

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

**ExternalApi.java**

package com.example;

public interface ExternalApi {

String getData();

}

**MyService.java**

package com.example;

public class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public String fetchData() {

return api.getData();

}

}

**MyServiceTeam.java**

package com.example;

import org.junit.Test;

import static org.mockito.Mockito.\*;

public class MyServiceTest {

@Test

public void testVerifyInteraction() {

// 1. Create mock

ExternalApi mockApi = mock(ExternalApi.class);

// 2. Inject mock into service

MyService service = new MyService(mockApi);

// 3. Call the method

service.fetchData();

// 4. Verify that getData() was called

verify(mockApi).getData();

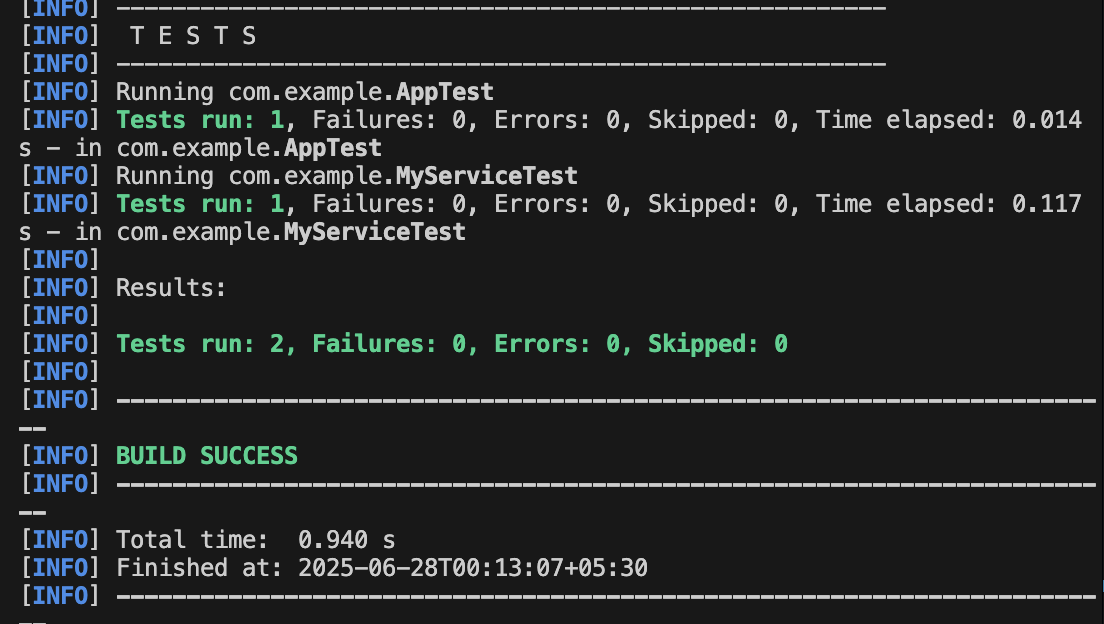
}

}

**Result after verifying the interaction**

Verify(mockData).getData(); This is used to :

Verify that mockApi.getData() was actually called.

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