Exercise 2: Verifying Interactions (Mockito)

**Myservicetest.java:**

package com.example.mockito;

import org.junit.jupiter.api.Test;

import static org.junit.jupiter.api.Assertions.*assertEquals*;

import static org.mockito.Mockito.\*;

public class Myservicetest {

@Test

public void testExternalApi() {

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

*when*(mockApi.getData()).thenReturn("Mock Data");

Myservice service = new Myservice(mockApi);

String result = service.fetchData();

*assertEquals*("Mock Data", result);

}

@Test

public void testVerifyInteraction() {

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

Myservice service = new Myservice(mockApi);

service.fetchData();

*verify*(mockApi).getData();

}

}