**Week 2**

**Mockito Exercises**

**Exercise 2: Verifying Interactions**

**package** com.example.service;

**import** **static** org.mockito.Mockito.\*;

**import** org.junit.jupiter.api.Test;

**import** org.mockito.Mockito;

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

**public** **class** MyServiceTest {

@Test

**public** **void** testExternalApi() {

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

MyService service = **new** MyService(mockApi);

service.fetchData();

*verify*(mockApi).getData();

}

}

