**WEEK : 2**

**Exercise 2: Verifying Interactions Scenario: You need to ensure that a method is called with specific arguments. Steps: 1. Create a mock object. 2. Call the method with specific arguments. 3. Verify the interaction. Solution Code: import static org.mockito.Mockito.\*; import org.junit.jupiter.api.Test; import org.mockito.Mockito; public class MyServiceTest { @Test public void testVerifyInteraction() { ExternalApi mockApi = Mockito.mock(ExternalApi.class); MyService service = new MyService(mockApi); service.fetchData(); verify(mockApi).getData(); }}**

**CODE:**

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

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

**import org.mockito.Mockito;**

**public class MyServiceTest {**

**@Test**

**public void testVerifyInteraction() {**

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

**when(mockApi.getData("expectedParam")).thenReturn("Mock Response");**

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

**service.fetchData("expectedParam");**

**verify(mockApi).getData("expectedParam");**

**}**

**}**