**WEEK-2**

**TDD Using Junit5 and Mockito: Mockito Exercises**

**Exercise 2: Verifying Interactions**

**1.ExternalApi.java:**

package testpkg;

public interface ExternalApi {

    void getData();

}

**2.MyService.java:**

package testpkg;

public class MyService {

    private ExternalApi api;

    public MyService(ExternalApi api) {

        this.api = api;

    }

    public void fetchData() {

        api.getData();

    }

}

**3.MyServiceTest.java:**

package testpkg;

import org.junit.jupiter.api.Test;

import static org.mockito.Mockito.\*;

public class MyServiceTest {

    @Test

    public void testVerifyInteraction() {

        ExternalApi mockApi = mock(ExternalApi.class);

        MyService service = new MyService(mockApi);

        service.fetchData();

        verify(mockApi).getData();

    }

}

Output:

