**Exercise 7: Handling Void Methods with Exceptions**

**MyServiceTest.java**

import com.mycompany.mavenproject3.ExternalApi;

import com.mycompany.mavenproject3.MyService;

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

import static org.mockito.Mockito.\*;

import org.junit.jupiter.api.Test;

import org.mockito.InOrder;

import org.mockito.Mockito;

public class MyServiceTest {

@Test

public void testVoidMethodThrowsException() {

ExternalApi mockApi = mock(ExternalApi.class);

doThrow(new RuntimeException("API failed"))

.when(mockApi).performAction();

MyService service = new MyService(mockApi);

try {

service.process(); // this will call performAction()

} catch (RuntimeException e) {

assert(e.getMessage().equals("API failed"));

}

verify(mockApi).performAction();

}

}

**Output**

