**Exercise 2: Verifying Interactions**

**Source code :**

**ExternalApi.java**

package com;

public interface ExternalApi {

String getData();

}

**MyService.java**

package com;

public class Calculator {

public int add(int a, int b) {

return a + b;

}

public int subtract(int a, int b) {

return a - b;

}

}

**MyServiceTest2.java**

package com;

package com;

import static org.mockito.Mockito.\*;

import org.junit.jupiter.api.Test;

public class MyServiceTest2 {

@Test

public void testVerifyInteraction() {

// Create mock

ExternalApi mockApi = mock(ExternalApi.class);

// Create service with mock

MyService service = new MyService(mockApi);

// Call the method

service.fetchData();

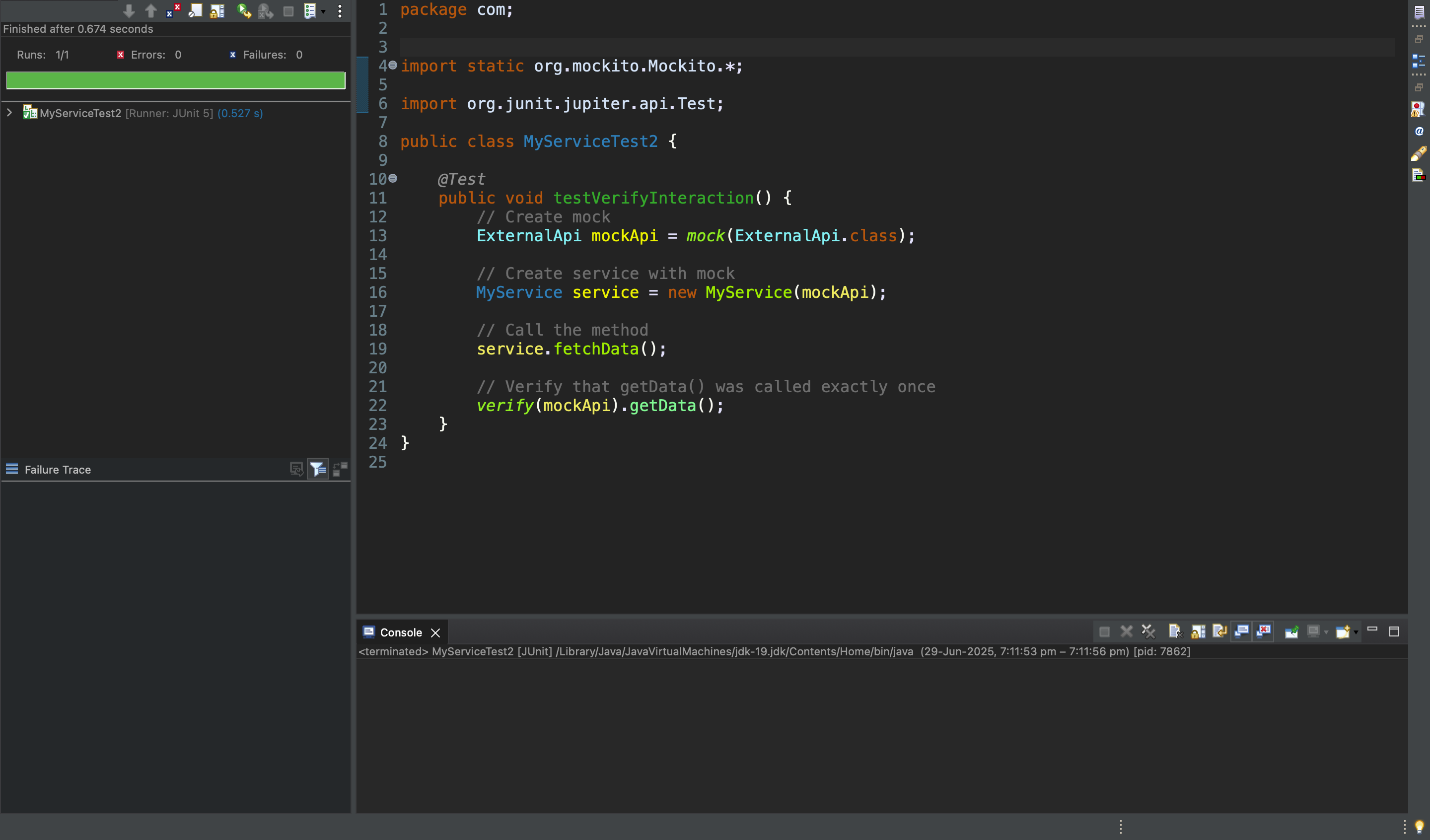
// Verify that getData() was called exactly once

verify(mockApi).getData();

}

}

**Output :**

****