**CODE:**

package com.example;

public interface ExternalApi {

void connect();

void fetchData();

void disconnect();

}

package com.example;

public class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public void performOperation() {

api.connect();

api.fetchData();

api.disconnect();

}

}

package com.example;

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 testInteractionOrder() {

// Step 1: Create mock

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

// Step 2: Call methods in specific order

MyService service = new MyService(mockApi);

service.performOperation();

// Step 3: Verify the order

InOrder inOrder = inOrder(mockApi);

inOrder.verify(mockApi).connect();

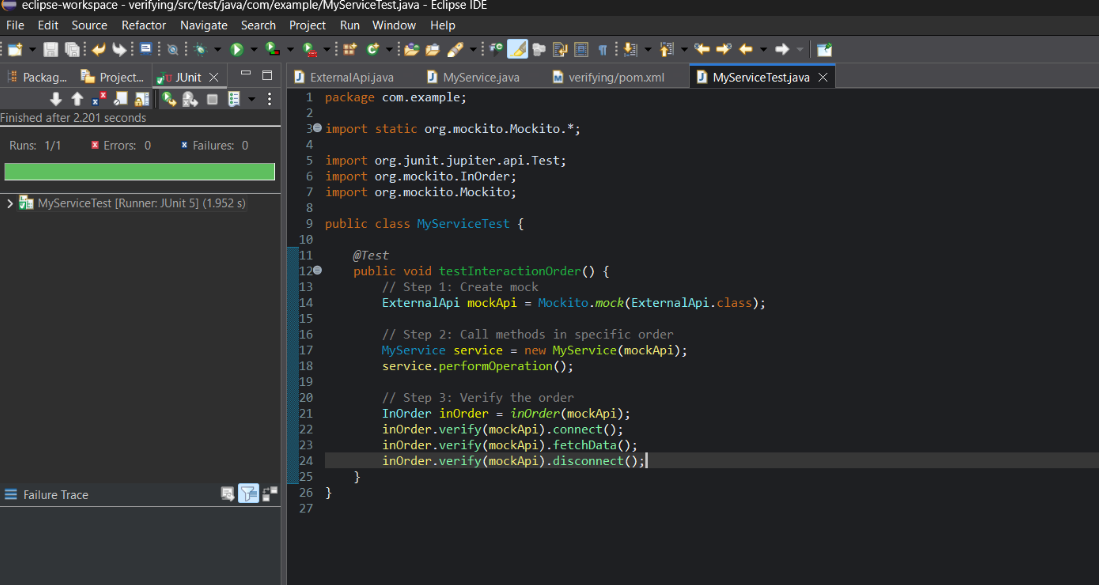
inOrder.verify(mockApi).fetchData();

inOrder.verify(mockApi).disconnect();

}

}

**OUTPUT:**

****