File:

package com.example.mocktest;

public interface ExternalApi {

void log(String message);

}

File2:

package com.example.mocktest;

public class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public void startTask() {

api.log("Task started");

}

}

File3:

package com.example.mocktest;

import static org.mockito.Mockito.\*;

import static org.mockito.ArgumentMatchers.\*;

import org.junit.jupiter.api.Test;

public class MyServiceTest {

@Test

public void testVoidMethodInteraction() {

// Step 1: Create mock

ExternalApi mockApi = mock(ExternalApi.class);

// Step 2: Stub the void method (optional, if needed)

doNothing().when(mockApi).log(anyString());

// Step 3: Use the mock in the service

MyService service = new MyService(mockApi);

service.startTask();

// Step 4: Verify interaction

verify(mockApi).log("Task started");

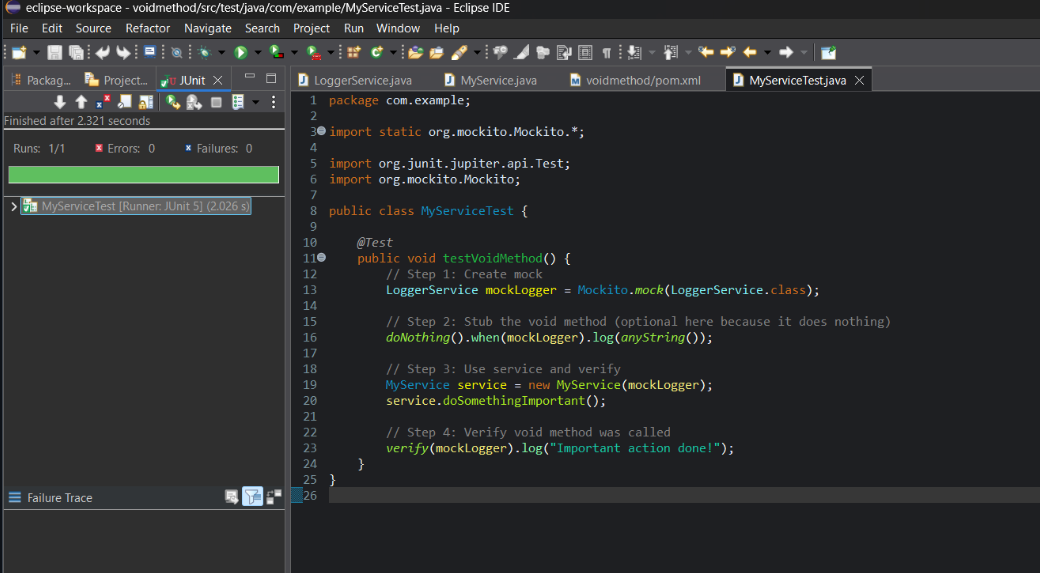
}

}

File4:

doThrow(new RuntimeException()).when(mockApi).log(anyString());

Output:

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