Exercise 4: Handling Void Methods (Mockito)

**Externalapi.java:**

package com.example.mockito;

public interface Externalapi {

String getData();

String getDetails(String userId);

void logAccess(String userId);

}

**Myservice.java:**

package com.example.mockito;

public class Myservice {

private Externalapi api;

public Myservice(Externalapi api) {

this.api = api;

}

public String fetchData() {

return api.getData();

}

public String fetchUserDetails(String userId) {

return api.getDetails(userId);

}

public void access(String userId) {

api.logAccess(userId);

}

}

**Myservicetest.java:**

package com.example.mockito;

import org.junit.jupiter.api.Test;

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

import static org.mockito.Mockito.\*;

public class Myservicetest {

@Test

public void testVoidMethodLogging() {

Externalapi mockApi = mock(Externalapi.class);

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

Myservice service = new Myservice(mockApi);

service.access("U123");

verify(mockApi).logAccess(eq("U123"));

}

}