Exercise\_2\_Verifying Interactions

**🔹 ExternalApi.java**

public interface ExternalApi {

void sendMessage(String message);

}

**🔹 MyService.java**

public class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public void notifyUser(String message) {

api.sendMessage(message);

}

} **🔹 MyServiceTest.java**

import static org.mockito.Mockito.\*;

import org.junit.jupiter.api.Test;

import org.mockito.Mockito;

public class MyServiceTest {

@Test

public void testSendMessageWithExactArgument() {

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

MyService service = new MyService(mockApi);

service.notifyUser("Hello");

verify(mockApi).sendMessage("Hello");

verify(mockApi).sendMessage(anyString()); // matches any String

verify(mockApi).sendMessage(eq("Hello")); // matches exactly "Hello"

}

}

Output:

