**Mockito Hands-On Exercises**

**Exercise 1: Mocking and Stubbing**  
interface ExternalApi {

String getData();

}

class MyService {

private ExternalApi api;

public MyService(ExternalApi api) {

this.api = api;

}

public String fetchData() {

return api.getData();

}

}

class MockExternalApi implements ExternalApi {

@Override

public String getData() {

return "Mock Data";

}

}

public class MyServiceTest {

public static void main(String[] args) {

ExternalApi mockApi = new MockExternalApi();

MyService service = new MyService(mockApi);

String result = service.fetchData();

if ("Mock Data".equals(result)) {

System.out.println("✅ Test passed");

} else {

System.out.println("❌ Test failed: expected 'Mock Data', got '" + result + "'");

}

}

}

