Exercise 2: Verifying Interactions

Step 1: . Create a mock object.

* ExternalApi.java

package org.example;  
  
public interface ExternalApi {  
 String getData();  
}

* MyService.java

package org.example;  
  
public class MyService {  
 private final ExternalApi api;  
  
 public MyService(ExternalApi api) {  
 this.api = api;  
 }  
  
 public String fetchData() {  
 return api.getData();  
 }  
}

Step 2: Verify the interaction :

package org.example;  
  
import org.junit.jupiter.api.Test;  
import org.mockito.Mockito;  
  
import static org.mockito.Mockito.\*;  
  
public class MyServiceTest {  
  
 @Test  
 public void testVerifyInteraction() {  
 ExternalApi mockApi = Mockito.*mock*(ExternalApi.class);  
  
 MyService service = new MyService(mockApi);  
 service.fetchData();  
  
 *verify*(mockApi).getData();  
 }  
}

Step 3: Ouput :

